

Huntington University

Guide to Typical Programs, 2022-2026

Chemistry Education (B.S. Degree)

Advisor: Dr. Nalliah

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

| Fall 2022 | | | Spring 2023 | | | Summer 2023 | | |
|------------------|-----------------------------------------------|-----------|------------------|----------------------------------------|-----------|-------------|--|--------------|
| <u>CH 161:</u> | <u>Principles of Chemistry I</u> | 4 | <u>BI 161:</u> | <u>Cell Biology</u> | 4 | | | |
| <u>MA 171:</u> | <u>Calculus I¹</u> | 4 | <u>CH 162:</u> | <u>Principles of Chemistry II</u> | 4 | | | |
| <u>PY 111:</u> | <u>Introduction to Psychology</u> | 3 | <u>MA 172:</u> | <u>Calculus II¹</u> | 4 | | | |
| <u>HS 115:</u> | <u>Hist Persp on Cult & Civ I</u> | 3 | <u>HS 116:</u> | <u>Hist Persp on Cult & Civ II</u> | 3 | | | |
| <u>EN 121:</u> | <u>Academic Writing & Research</u> | 3 | <u>EX 101:</u> | <u>Wellness for Life</u> | 2 | | | |
| | total | 17 | | total | 17 | | | total |
| Fall 2023 | | | Spring 2024 | | | Summer 2024 | | |
| <u>CH 263:</u> | <u>Organic Chemistry I</u> | 4 | <u>CH 264:</u> | <u>Organic Chemistry II</u> | 4 | | | |
| * <u>CH 331:</u> | <u>Quantitative Analysis</u> | 4 | * <u>CH 333:</u> | <u>Instrumental Analysis</u> | 4 | | | |
| <u>ED 212:</u> | <u>Introduction to Education</u> | 2 | <u>ED 296:</u> | <u>Soph Practicum for MS & HS</u> | 1 | | | |
| <u>ED 236:</u> | <u>Educational Psychology</u> | 3 | <u>PH 212:</u> | <u>Principles of Physics II</u> | 4 | | | |
| <u>PH 211:</u> | <u>Principles of Physics I</u> | 4 | <u>SE 232:</u> | <u>Educ of Exceptional Learner</u> | 3 | | | |
| | total | 17 | | total | 16 | | | total |
| Fall 2024 | | | Spring 2025 | | | Summer 2025 | | |
| * <u>CH 361:</u> | <u>Physical Chemistry I</u> | 4 | * <u>CH 371:</u> | <u>Physical Chemistry II</u> | 4 | | | |
| <u>ED 311:</u> | <u>Early Adol. Curric & Method</u> | 3 | <u>ED 320:</u> | <u>Adolescent Curric & Method</u> | 3 | | | |
| <u>ED 364:</u> | <u>Assessment Strat for Sec Edu</u> | 2 | <u>MI 285:</u> | <u>Understand the Christian Faith</u> | 3 | | | |
| <u>BT ___:</u> | <u>Introductory Bible</u> | 3 | <u>115:</u> | <u>Intro to AR/DM/MU/TH</u> | 2 | | | |
| <u>EN 151:</u> | <u>Perspectives on Literature</u> | 3 | | <u>Core Curriculum Social Sci</u> | 3 | | | |
| | total | 15 | | total | 15 | | | total |
| Fall 2025 | | | Spring 2026 | | | Summer 2026 | | |
| <u>ED 377:</u> | <u>Integration of Technology in Classroom</u> | 2 | <u>ED 440:</u> | <u>Topics & Problems in Educ</u> | 2 | | | |
| <u>ED410SCI:</u> | <u>Science Curriculum & Method</u> | 2 | <u>ED 460:</u> | <u>Student Teach in Sec. Schools</u> | 10 | | | |
| <u>BT ___:</u> | <u>Bible Elective [300+ level]</u> | 3 | | | | | | |
| <u>CO 215:</u> | <u>Public Speaking</u> | 3 | | | | | | |
| <u>PL ___:</u> | <u>Intro to Philosophy/Ethics</u> | 3 | | | | | | |
| | <u>Creative Studio Arts</u> | 1 | | | | | | |
| | total | 14 | | total | 12 | | | total |

NOTES:

1. Chemistry majors not yet placing into MA 171/172 should take MA 141 in the Spring of the freshman year (*see mathematics placement policy in Catalog under Academic Information*).
2. CH 411 and CH 441 are recommended electives.
3. Students may wish to prepare to teach an additional content area by also completing a biology or mathematics minor and the appropriate state content-area examination.
4. Recommended Elective: TE 233 Foundations of TESOL/ELs (3 credit hours).

*Indicates alternating year course.

Underlining indicates required for major.