

Huntington University

Guide to Typical Programs, 2017-2021

Chemistry Education (B.S. Degree)

Advisors: Drs. Nalliah and Troyer

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

Fall 2017	J-Term 2018	Spring 2018	Summer 2018
CH 161: <u>Principles of Chemistry I</u> 4 MA 171: <u>Calculus I</u> ¹ 4 PY 111: <u>Introduction to Psychology</u> 3 HS 115: <u>Hist Persp on Cult & Civ I</u> 3 EN 121: <u>Academic Writing & Research</u> 3 total 17	Required J-Term 2 total 2	BI 161: <u>Cell Biology</u> 4 CH 162: <u>Principles of Chemistry II</u> 4 MA 172: <u>Calculus II</u> ¹ 4 HS 116: <u>Hist Persp on Cult & Civ II</u> 3 EX 101: <u>Wellness for Life</u> 2 total 17	total
Fall 2018	J-Term 2019	Spring 2019	Summer 2019
CH 263: <u>Organic Chemistry I</u> 4 * CH 361: <u>Physical Chemistry I</u> 4 ED 212: <u>Introduction to Education</u> 2 ED 296: <u>Soph Practicum for MS & HS</u> 1 PH 211: <u>Principles of Physics I</u> 4 total 15	Required J-Term 2 total 2	CH 264: <u>Organic Chemistry II</u> 4 * CH 371: <u>Physical Chemistry II</u> 4 ED 236: <u>Educational Psychology</u> 3 PH 212: <u>Principles of Physics II</u> 4 SE 234: <u>Ed of the Exceptional Adol</u> 2 total 17	total
Fall 2019	J-Term 2020	Spring 2020	Summer 2020
* CH 331: <u>Quantitative Analysis</u> 4 ED 311: <u>Early Adol. Curric & Method</u> 3 ED 364: <u>Assessment Strat for Sec Edu</u> 2 BR 111: <u>Biblical History and Literature</u> 3 EN 151: <u>Perspectives on Literature</u> 3 total 15	ED395: <u>Multicultural Practicum in Teaching</u> ⁴ 3 total 3	* CH 333: <u>Instrumental Analysis</u> 4 ED 320: <u>Adolescent Curric & Method</u> 3 MI 285: <u>Understand the Christian Faith</u> 3 115: <u>Intro to AR/DM/MU/TH</u> 2 <u>Core Curriculum Social Sci</u> 3 total 15	total
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
ED410SCI: <u>Science Curriculum & Method</u> 2 BR____: <u>Bible Elective [300+ level]</u> 3 CO 215: <u>Public Speaking</u> 3 PL____: <u>Intro to Philosophy/Ethics</u> 3 <u>Creative Studio Arts</u> 1 <u>Elective</u> ² 2 total 14	total	ED 440: <u>Topics & Problems in Educ</u> 2 ED 460: <u>Student Teach in Sec. Schools</u> 10 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. ED 395 should be scheduled during January Term of the junior year.

*Indicates alternating year course.

Underlining indicates required for major.