

# Huntington University

## Guide to Typical Programs, 2019-2023

# 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 2019	J-Term 2020	Spring 2020	Summer 2020
CH 161: <u>Principles of Chemistry I</u> 4 MA 171: <u>Calculus I</u> <sup>1</sup> 4 PY 111: <u>Introduction to Psychology</u> 3 HS 115: <u>Hist Persp on Cult &amp; Civ I</u> 3 EN 121: <u>Academic Writing &amp; Research</u> 3 <b>total 17</b>	Required J-Term 2 <b>total 2</b>	BI 161: <u>Cell Biology</u> 4 CH 162: <u>Principles of Chemistry II</u> 4 MA 172: <u>Calculus II</u> <sup>1</sup> 4 HS 116: <u>Hist Persp on Cult &amp; Civ II</u> 3 EX 101: <u>Wellness for Life</u> 2 <b>total 17</b>	<b>total</b>
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
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 236: <u>Educational Psychology</u> 3 PH 211: <u>Principles of Physics I</u> 4 <b>total 17</b>	Required J-Term 2 <b>total 2</b>	CH 264: <u>Organic Chemistry II</u> 4 * CH 371: <u>Physical Chemistry II</u> 4 ED 296: <u>Soph Practicum for MS &amp; HS</u> 1 PH 212: <u>Principles of Physics II</u> 4 SE 232: <u>Educ of Exceptional Learner</u> 3 <b>total 16</b>	<b>total</b>
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
* CH 331: <u>Quantitative Analysis</u> 4 ED 311: <u>Early Adol. Curric &amp; 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 <b>total 15</b>	ED395: <u>Multicultural Practicum in Teaching</u> <sup>4</sup> 3 <b>total 3</b>	* CH 333: <u>Instrumental Analysis</u> 4 ED 320: <u>Adolescent Curric &amp; 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 <b>total 15</b>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
ED410SCI: <u>Science Curriculum &amp; 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> <sup>2</sup> 2 <b>total 14</b>	<b>total</b>	ED 440: <u>Topics &amp; Problems in Educ</u> 2 ED 460: <u>Student Teach in Sec. Schools</u> 10 <b>total 12</b>	<b>total</b>

### 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.