

# Huntington University

## Guide to Typical Programs, 2021-2025

# Chemistry (B.S. Degree)

## Biochemistry Track

### Advisor: Dr. Nalliah

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

Fall 2021	J-Term 2022	Spring 2022	Summer 2022
CH 161: <u>Principles of Chemistry I</u> 4 MA 171: <u>Calculus I</u> <sup>1</sup> 4 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 EX 101: Wellness for Life 2 <b>total 16</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: Hist Persp on Cult & Civ II 3 <b>total 15</b>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
CH 263: <u>Organic Chemistry I</u> 4 PH 211: <u>Principles of Physics I</u> 4 EN 151: Perspectives on Literature 3 Creative Studio Arts 1 Elective 3 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	CH 264: <u>Organic Chemistry II</u> 4 PH 212: <u>Principles of Physics II</u> 4 BT ____: Introductory Bible 3 115: Intro to AR/DM/MU/TH 2 Core Curriculum Social Sci 3 <b>total 16</b>	<b>total</b>
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
* BI 462: <u>Adv Cell &amp; Molec Biology</u> 4 * CH 331: <u>Quantitative Analysis</u> 4 CH 411: <u>Biochemistry</u> 3 * CH 451: <u>Seminar in Chemistry</u> 1 PL ____: Intro to Philosophy/Ethics 3 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	* CH 333: <u>Instrumental Analysis</u> 4 MI 285: Understand the Christian Faith 3 CO 215: Public Speaking 3 Electives 5 <b>total 15</b>	CH 491: <u>Undergraduate Research</u> <sup>2</sup> 1-2 <b>total 1-2</b>
Fall 2024	J-Term 2025	Spring 2025	Summer 2025
* BI 321: <u>Genetics</u> 4 * CH 361: <u>Physical Chemistry I</u> 4 * CH 441: <u>Adv Inorganic Chemistry</u> 3 Elective [300+ level] <sup>3</sup> 3 <b>total 14</b>	<b>total</b>	* CH 371: <u>Physical Chemistry II</u> 4 BT ____: Bible Elective [300+ level] 3 Core Curriculum Social Sci 3 Electives 5 <b>total 15</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. Chemistry majors must complete chemical research for graduation. CH 491 should be taken during the summer before the student's senior year. It is imperative that the student apply to summer programs in the winter of the junior year at the latest. Application in the sophomore year is encouraged.
3. Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

\*Indicates alternating year course.

Underlining indicates required for major.