

Huntington University

Guide to Typical Programs, 2018-2022

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 2018	J-Term 2019	Spring 2019	Summer 2019
<u>CH 161: Principles of Chemistry I</u> 4 <u>MA 171: Calculus I¹</u> 4 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 EX 101: Wellness for Life 2 <p style="text-align: right;">total 16</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	<u>BI 161: Cell Biology</u> 4 <u>CH 162: Principles of Chemistry II</u> 4 <u>MA 172: Calculus II¹</u> 4 HS 116: Hist Persp on Cult & Civ II 3 <p style="text-align: right;">total 15</p>	total
Fall 2019	J-Term 2020	Spring 2020	Summer 2020
<u>CH 263: Organic Chemistry I</u> 4 <u>PH 211: Principles of Physics I</u> 4 EN 151: Perspectives on Literature 3 Creative Studio Arts 1 Elective 3 <p style="text-align: right;">total 15</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	<u>CH 264: Organic Chemistry II</u> 4 <u>PH 212: Principles of Physics II</u> 4 BR 111: Biblical History and Literature 3 115: Intro to AR/DM/MU/TH 2 Core Curriculum Social Sci 3 <p style="text-align: right;">total 16</p>	total
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
* <u>BI 321: Genetics</u> 4 * <u>CH 361: Physical Chemistry I</u> 4 <u>CH 411: Biochemistry</u> 3 * <u>CH 441: Adv Inorganic Chemistry</u> 3 <p style="text-align: right;">total 14</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	* <u>CH 371: Physical Chemistry II</u> 4 MI 285: Understand the Christian Faith 3 CO 215: Public Speaking 3 Electives 5 <p style="text-align: right;">total 15</p>	<u>CH 491: Undergraduate Research²</u> 1-2 <p style="text-align: right;">total 1-2</p>
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
* <u>BI 462: Adv Cell & Molec Biology</u> 4 * <u>CH 331: Quantitative Analysis</u> 4 * <u>CH 451: Seminar in Chemistry</u> 1 PL____: Intro to Philosophy/Ethics 3 Elective [300+ level] ³ 3 <p style="text-align: right;">total 15</p>	total	* <u>CH 333: Instrumental Analysis</u> 4 BR____: Bible Elective [300+ level] 3 Core Curriculum Social Sci 3 Electives 5 <p style="text-align: right;">total 15</p>	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. 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.