

Chemistry: Comprehensive

2019 - 2021

** This is a sample of the type of curriculum a new freshman would take to complete a degree in 4 years.*

<p>SEMESTER 1</p> <p>WRIT 102: College Writing II - 3 credits HHP 102: Health and Wellness - 3 credits CHEM 105: General Chemistry I - 5 credits MATH 115: Pre-Calculus - 5 credits</p> <p>Total - 16 Credits</p>	<p>SEMESTER 2</p> <p>COMM 110: Introduction to Communications - 3 credits CHEM 106: General Chemistry II - 4 credits MATH 240: Calculus and Analytic Geometry I - 4 credits University Studies - 3 credits</p> <p>Total - 14 credits</p>
<p>SEMESTER 3</p> <p>CHEM 320: Organic Chemistry Lecture I - 3 credits CHEM 322: Organic Chemistry Lab I - 1 credit CHEM 327: Molecular Spectroscopy I - 1 credit PHYS 201: Calculus Based Physics I - 5 credits MATH 241: Calculus 2 - 4 credits</p> <p>Total - 14 credits</p>	<p>SEMESTER 4</p> <p>CHEM 321: Organic Chemistry Lecture II - 3 credits CHEM 323: Organic Chemistry Lab II - 1 credit PHYS 202: Calculus Based Physics II - 5 credits WRIT 209: Business and Professional Writing - 3 credits Elective - 3 credits</p> <p>Total - 15 credits</p>
<p>SEMESTER 5</p> <p>CHEM 205 Quant Analysis Lecture - 3 credits CHEM 206 Quant Analysis Lab - 2 credits University Studies - 3 credits Elective - 3 credits Elective - 3 credits</p> <p>Total - 14 credits</p>	<p>SEMESTER 6</p> <p>CHEM 345: Physical Chemistry Lecture I - 4 credits CHEM 365: Descriptive Inorganic Chemistry - 3 credits University Studies - 3 credits University Studies - 3 credits University Studies - 3 credits</p> <p>Total - 16 credits</p>
<p>SEMESTER 7</p> <p>CHEM 360: Introduction to Biochemistry - 3 credits CHEM 491 or Senior Research 496: - 1 credit Elective - 3 credits Elective - 3 credits Elective - 3 credits University Studies - 3 credits</p> <p>Total - 16 credits</p>	<p>SEMESTER 8</p> <p>CHEM 497 Senior Seminar in Chemistry - 1 credit Elective - 3 credits Elective - 3 credits University Studies - 3 credits University Studies - 3 credits Elective - 2 credits</p> <p>Total - 15 credits</p>