

BACHELOR OF SCIENCE IN CHEMISTRY
Suggested Course Sequence

	FALL		SPRING	
FRESHMAN	CHEM 121H MATH 131 ENGLWRIT 112 Language **	Honors General Chem I * Calculus I College Writing	CHEM 122H MATH 132 PHYS 151 PHYS 153 Language **	Honors General Chem II * Calculus II General Physics I General Physics I Lab
SOPHOMORE	CHEM 265 CHEM 267 MATH 233 PHYS 152 PHYS 154 Language **	Organic Chem I Organic Chem I Lab Multivariate Calculus General Physics II General Physics II Lab	CHEM 266 CHEM 268 CHEM 241 CHEM 242 CHEM 291A PHYS 261 Language **	Organic Chem II Organic Chem II Lab Inorganic Chem Inorganic Chem Lab Sophomore Seminar General Physics III
JUNIOR	CHEM 475 CHEM 315 CHEM 391A	Physical Chem I Quantitative Analysis Writing in Chemistry	CHEM 476 CHEM 477 CHEM 388 <i>or</i> CHEM 499Y/T <i>Upper-level Courses****</i>	Physical Chem II Physical Chem Lab Undergraduate Research*** Honors Research/Thesis
SENIOR	<i>Upper-level courses****</i>		<i>Upper-level Courses****</i>	

<u>Upper-level courses</u>	<u>FALL</u>	<u>SPRING</u>
CHEM 496	Independent Research	CHEM 496 Independent Research
CHEM 515	Thry Analytical Processes	CHEM 490A Biochemistry for Chemists
CHEM 516	Chemical Microscopy	CHEM 513 Instrumental Analysis
CHEM 546	Advanced Inorganic	CHEM 519 Electronic Instrumentation
CHEM 551	Advanced Organic	CHEM 585 Advanced Physical II
CHEM 552	Organic Spectroscopy	PSE 501 Intro to Polymer Science
CHEM 584	Advanced Physical I	BIOCHM 524 General Biochemistry II
BIOCHM 523	General Biochemistry I	BIOCHM 526 General Biochemistry Lab

* CHEM 111/112 may substitute (*not recommended*).

** Check with Arts and Sciences Advising Center for specific requirements.

*** May be taken Senior year.

**** 8 credits of upper-level courses required. 600/700 level courses, and advanced chemistry-related courses outside of chemistry, *may* substitute upon written approval by the Chief Undergraduate Advisor.

NOTES:

American Chemical Society certification requires CHEM 513, CHEM 546, and CHEM 490A (or BIOCHM 523.)
 Students interested in chemical physics are encouraged to take Physics 181-184 instead of Physics 151-154.
 PHYS 262 or 286 - General Physics III Laboratory no longer required as of Fall 2006.