

## CURRICULUM GUIDE FOR CHEMISTRY

(This is an example and not all Compass courses are listed or noted.)

### BACHELOR OF ARTS DEGREE (STARTING IN FALL OF EVEN NUMBERED YEARS)

34-36 semester hours in Chemistry

3 or 4 semester hours in Pre-Calculus or Calculus I

#### YEAR 1

FALL	COURSE TITLE	CREDITS
CHEM 110	General Chemistry I + Lab	4
MATH 117 or MATH 225	Pre-calculus with Algebra or Calculus I	3-4
CMPS 101	Compass Navigator First-year	1
CMPS 110	Compass Seminar I: Writing and Speaking	3

SPRING	COURSE TITLE	CREDITS
CHEM 111	General Chemistry II + Lab	4
CMPS 111	Compass Seminar: Research, Writing, and Speaking	3
CHEM 187	Introduction to Research I <sup>^</sup>	1

#### YEAR 2

FALL	COURSE TITLE	CREDITS
CHEM 221	Organic Chemistry I + Lab	4

SPRING	COURSE TITLE	CREDITS
CHEM 222	Organic Chemistry II + Lab	4

#### YEAR 3

FALL	COURSE TITLE	CREDITS
CHEM 385	Junior Seminar I: Chemical Literacy	1
	Chemistry Elective*	2-4

SPRING	COURSE TITLE	CREDITS
CHEM 233	Analytical Chemistry + Lab	4
CHEM 386	Junior Seminar II: Writing & Ethics	1
	Chemistry Elective*	2-4

#### YEAR 4

FALL	COURSE TITLE	CREDITS
CMPS 450	Compass Seminar III	3
	Chemistry Elective*	2-4

SPRING	COURSE TITLE	CREDITS
CHEM 499	Chemistry Capstone	1

<sup>^</sup>CHEM 187 is not required but recommended. CHEM 187 may be taken in any semester after Fall first year. Contact Chemistry faculty for more information. Students who desire more experience in the lab may choose CHEM 287, Introduction to Research II, after completing CHEM 187.

\*8-9 credit hours of Chemistry electives are required.

CHOOSE FROM AMONG THESE ELECTIVES		
CHEM 310	Medicinal Chemistry (Spring Even)	3
CHEM 340	Biochemistry (Every Fall)	4
CHEM 347	Biochemical Methods (Spring Odd)	2
CHEM 435	Molecular Spectroscopy (Fall Even)	2
CHEM 436	Separation Methods (Fall Odd)	2
CHEM 446	Biochemistry II Metabolism (Spring Even)	3

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