

Chemistry (BS)

FALL - Semester 1

CHEM 130: Chemical Principles I
CHEM 145: Freshman Seminar
MATH 198: Calculus I (math placement)
TRU 100: Truman Symposium
TRU 110 or TRU 130
Dialogues coursework

FALL - Semester 3

CHEM 245: Sophomore Seminar
CHEM 312: Foundations of Chemical Analysis (WE)
CHEM 329: Organic Chemistry I
MATH 264: Calculus III
Dialogues coursework

FALL - Semester 5

CHEM 345: Junior Seminar
CHEM 323/324: Physical Chemistry I & Lab
PHYS 196 (or 186): Physics with Calculus II
Dialogues coursework

FALL - Semester 7

CHEM 445: Senior Capstone Seminar
CHEM 473/474: Inorganic Chemistry & Lab
CHEM 335: Biochemistry I
CHEM Elective and/or Dialogues coursework

SPRING - Semester 2

CHEM 131: Chemical Principles II
MATH 263: Calculus II (math placement)
Dialogues coursework

SPRING - Semester 4

CHEM 331: Organic Chemistry II
CHEM 333: Organic Chemistry Lab I & II
PHYS 195 (or 185): Physics with Calculus I
Dialogues coursework

SPRING - Semester 6

CHEM 322: Instrumental Analysis
CHEM 325/326: Physical Chemistry II & Lab
Elective(s) and/or Dialogues coursework

SPRING - Semester 8

CHEM 310: Modern Methods in Biochemistry
CHEM Elective
Elective(s) and/or Dialogues coursework

Students with math placement lower than Calculus will take CHEM 130 in the spring semester and follow a modified plan.

Electives only as needed to total 120 credit hours

The Dialogues curriculum requires a certain number of courses/credit hours in the following Perspectives: Social, Arts and Humanities, STEM, Communications, and Statistics. The exact number of courses a student will be required to take during their undergraduate career varies individually according to the credit transferred in.

Department Chair: Please contact the [Center for Academic Excellence](#) with any updates to the plan above. Rev. 3/24/23