

CHEMISTRY
ACADEMIC PLANNING: PROGRAM – 4 YEAR PLAN

Fall 12-18 credit hours (placements if needed)	Spring 12-18 credit hours (placements if needed)
CHEM 141: Principles of Chemistry I & Lab (4)	CHEM 142: Principles of Chemistry II & Lab (4)
ICONN 100: I-Connect (3)	GE: Franciscan Tradition(3)
MATH 125: Algebra and Trigonometry (3)	GE: Behavioral and Social Sciences (3)
CHEM 480: Chemistry Seminar (0)	GE: History (3)
COMM 121: Fundamentals of Public Comm (3)	CHEM 480: Chemistry Seminar (0)
ENGL 101: Rhetoric & Composition (3)	Elective Course (3)
16 semester credit hours	16 semester credit hours (32 credit hours total)
Fall 12-18 credit hours	Spring 12-18 credit hours
CHEM 241: Organic Chemistry I & Lab (4)	CHEM 242: Organic Chemistry II & Lab (4)
MATH 223: Calculus I (3)	MATH 224: Calculus II (3)
SCIE 257: Physics I & Lab (4)	SCIE 258: Physics II & Lab (4)
CHEM 480: Chemistry Seminar (0)	CHEM 480: Chemistry Seminar (0)
GE: Health and Wellness (2)	GE: Creative Arts (3)
Elective Course (3)	GE: Rhetoric & Research (3)
16 credit hours (48 credit hours total)	17 credit hours (65 credit hours total)
Fall 12-18 credit hours	Spring 12-18 credit hours
CHEM 447: Physical Chemistry I & Lab (4)	Elective Course (3)
GE: Philosophy (3)	GE: Social Justice (3)
Elective Course (3)	CHEM 480: Chemistry Seminar (0)
CHEM 480: Chemistry Seminar (0)	CHEM 448: Physical Chemistry II & Lab (4)*
GE: Theology (3)	CHEM 333: Biochemistry (3)*
CHEM 348: Advanced Organic Chemistry (3)*	CHEM 367: Biotechnology Lab (1)*
	Elective Course (3)
16 credit hours (81 credit hours total)	17 credit hours (98 credit hours total)
Fall 12-18 credit hours	Spring 12-18 credit hours
SCIE 450: STEM Capstone (3)	GE: Care for Creation (3)
GE: Literature (3)	CHEM 449: Instrumental Analysis & Lab (3)*
Elective Course (3)	Elective Course (3)
CHEM 481: Chemistry Seminar (1)	CHEM 480: Chemistry Seminar (0)
CHEM 345: Analytical Chemistry & Lab (4)	CHEM 496: Chemical Research (2-3)
CHEM 343: Environmental Chemistry & Lab (3)*	CHEM 344: Inorganic Chemistry (3)
17 credit hours (115 credit hours total)	14-15 credit hours (129-130 credit hours total)

San Damiano General Education (GE) courses are offered within distributions and are approved by the university's Curriculum Council. Please see your Academic advisor for additional information.

Please note: This schedule is subject to change based on course offerings and curriculum developments that may occur throughout the 2017-2018 academic year.

* Need 11 cr hrs of directed electives.

This plan illustrates 129-130 credit hours because of course offerings; however, one can complete the degree in 128 hours.