



Geneva College Four-Year Plan

Degree: Chemistry – Professional

These plans are meant to be used as guides for planning purposes only. The Geneva College Catalog lists official requirements students must satisfy before receiving a degree. Your academic advisor will help you create a plan that matches your academic history and goals.

rev 4/2024

YEAR 1					
FALL			SPRING		
		Credits			Credits
CHM 111	General Chemistry	4	CHM 221	Organic Chemistry I	4
MAT 161	Calculus I	4	MAT 162	Calculus II	4
BIB 112	Old Testament	3	BIB 113	New Testament	3
ENG 101	English Composition	3	HUM 103	Invitation to the Humanities	3
SSC 101	Learning & Transition	1	COM 101	Princ. Of Communication	3
Total		15	Total		17

YEAR 2					
FALL			SPRING		
		Credits			Credits
CHM 222	Organic Chemistry II	4	CHM 232	Quant. Analytical Chemistry	4
PHY 201	College Physics I	4	PHY 202	College Physics II	4
HUM 203	Making the West	3	HUM 303	Perspectives, Faith, Culture	3
MAT 261	Calculus III	4	PED 103	Physical Education	1
			BIO 112	Intro to Cellular Biology	4
Total		15	Total		16

YEAR 3					
FALL			SPRING		
		Credits			Credits
CHM 307	Physical Chemistry I	3	CHM 308	Physical Chemistry II	3
CHM 304	Inorganic Chemistry	3	CHM 305* or CHM 306*		2
CHM 317	Biochemistry I	3	CHM 310* or CHM 311*		3
CHM 421	Chemistry Seminar	1	CHM 412* or CHM 318*		3
Society – Group A		3	Society – Group C		3
Elective+		3	Elective+		3
Total		16	Total		17

YEAR 4					
FALL			SPRING		
		Credits			Credits
CHM 312	Advanced Lab – Physical	2	CHM 308	Physical Chemistry II	3
CHM 420	Research	2	CHM 305* or CHM 306*		2
POL 352	Great Issues	3	CHM 310* or CHM 311*		3
BIB 300	Biblical Worldview	3	CHM 412* or CHM 318*		3
Elective+		3	CHM 421	Chemistry Seminar	1
Elective+		3	CHM 313	Biochemistry Laboratory	1
Total		16	Total		14

A passing grade on a chemistry comprehensive exam is required.

■ Core

+ Electives MUST include at least one of the following: MAT 307, MAT 350, MAT 405, PHY 408 or ELE 309

*Must take at least 11 credits of * marked courses, of which at least 2 credits must be laboratory

There is considerable flexibility in choice of electives and sequencing of upper-level courses.