Geneva College Four-Year Plan — Degree: BSE/Chemical

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
EGR 100	Calling and Vocation	1	EGR 101 or EGR 102	Intro to Engineering Comp-Aided Engineering	2
EGR 101 or EGR 102	Intro to Engineering Comp-Aided Engineering	2	BIB 113	New Testament	3
BIB 112	Old Testament	3	CHM 221	Organic Chemistry I	4
CHM 111	General College Chem	4	MAT 162	Calculus II	4
ENG 101	English Composition	3	Reason and Rhetoric Option		3
MAT 161	Calculus I	4			
Total		**17**	**Total**		**16**

YEAR 2

FALL			SPRING		
		Credits			Credits
CHM 222	Organic Chemistry II	4	EGR 211	Solid Mechanics	4
HUM 103	Invitation to Humanities	3	CHM 232	Quant Analytical Chem	4
MAT 261	Calculus III	4	MAT 405	Differential Equations	4
MAT 265	Probability and Statistics	3	PHY 202	College Physics II	4
PHY 201	College Physics	4			
Total		**18**	**Total**		**16**

YEAR 3

FALL			SPRING		
		Credits			Credits
EGR 212	Linear Circuit Analysis I	3	EGR 332	Fluid Mechanics	4
EGR 330	Thermal Fluid Sciences	3	CHE 302	Unit Operations	3
EGR 331	Thermal Fluid Sciences Lab	1	CHE 315	Mass Transfer	1
CHE 301	Process Analysis	3	CHM 306	Instrumental Analysis	3
CHM 307	Physical Chemistry I	3	CHM 308	Physical Chemistry II	3
HUM 203	Making the West	3	HUM 303	Perspectives: Faith,…	3
PED 103	Physical Fitness	1			
Total		**17**	**Total**		**17**

YEAR 4

FALL			SPRING		
		Credits			Credits
EGR 481	Senior Design Project	3	EGR 316	Process Control	3
Engineering Elective		3	EGR 401	Christian Ethics and Engg	2
CHE 312	Advanced Laboratory	2	EGR 482	Senior Design Project	3
CHE 401	Reactor Design	3	BIB 300	Foundations of Chr Thought	3
ECO 270	Principles of Microeconomics	3	MEE 416	Design of Thermal Systems	3
Free Elective		2	POL 352	Great Issues in Politics	3
Total		**17**	**Total**		**17**

Core Major

(Spring 2022)