



Geneva College Four-Year Plan

Degree: BSE/Electrical

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.

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	CPE 220	Digital Systems	3
CHM 111	General College Chem	4	MAT 162	Calculus II	4
ENG 101	English Composition	3	PED 103	Physical Fitness	1
MAT 161	Calculus I	4	Reason and Rhetoric Option		3
Total		17	Total		16

YEAR 2					
FALL			SPRING		
		Credits			Credits
EGR 212	Linear Circuit Analysis I	3	EGR 225	Signals and Systems	3
ECO 270	Principles of Microeconomics	3	CSC 101	Intro to Programming	3
HUM 103	Invitation to Humanities	3	ELE 222 or Society	Linear Circuit Analysis II Group B or C	3
MAT 261	Calculus III	4	MAT 405	Differential Equations	4
PHY 201	College Physics	4	PHY 202	College Physics II	4
Total		17	Total		17

YEAR 3					
FALL			SPRING		
		Credits			Credits
BIB 300 or ELE / EGR	Foundations of Chr Thought ELE / EGR Elective	3	EGR 211	Solid Mechanics	4
CPE 303	Microprocessor Systems	4	EGR 330	Thermal Fluid Science	3
ELE 305 or PHY	Fields & Waves Physics Elective	4 or 3	CPE 304	Advanced Digital logic	2
ELE 309	Electr Dev & Circuits I	4	ELE 222 or Society	Linear Circuit Analysis II Group B or C	3
HUM 203	Making the West	3	ELE / EGR Elective		3
Total		17/18	Free Elective		3
			Total		18

YEAR 4					
FALL			SPRING		
		Credits			Credits
EGR 481	Senior Design Project	3	EGR 316	Process control	3
BIB 300 or ELE / EGR	Foundations of Chr Thought ELE / EGR Elective	3	EGR 401	Christian Ethics and Engg	2
ELE 305 or PHY	Fields & Waves Physics Elective	4 or 3	EGR 482	Senior Design Project	3
HUM 303	Perspectives: Faith,...	3	ELE / EGR Engineering Elective		3 or 4
MAT 265	Probability and Statistics	3	Free Elective		3
Total		15 /17	POL 352	Great Issues in Politics	3
			Total		15/16

Core
 Major

(Spring 2022)