



# 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. 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	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
<b>Total</b>		<b>17</b>	<b>Total</b>		<b>16</b>

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	HUM 203	Making the West	3
HUM 103	Invitation to Humanities	3	ELE 309	Electr Dev & Circuits I	4
Mat 261	Calculus III	4	PHY 202	College Physics II	4
PHY 201	College Physics I	4	CPE 303	Microprocessor Systems	4
<b>Total</b>		<b>17</b>	<b>Total</b>		<b>18</b>

YEAR 3					
FALL			SPRING		
		Credits			Credits
	Free Elective or				
CPE 490	Embedded Systems	3	EGR 330	Thermal Fluid Science	3
MAT 405	Differential Equations	4	HUM 303	Perspective: Faith,...	3
ELE 402/ or ELE 410	Comms Systems or Electr Dev & Circuits II	4	ELE 222	Linear Circuit Analysis II	3
ELE 305	Fields and Waves	4	BIB 300	Foundations Chr.. Thoughts	3
CSC 101	Intro to Programming	3	EGR 316	Process Control	3
			Free Elective		1
<b>Total</b>		<b>18</b>	<b>Total</b>		<b>16</b>

YEAR 4					
FALL			SPRING		
		Credits			Credits
ELE 440	Digital Signal Processing Or EGR Elective	3	EGR 482	Senior Design Project	3
PHY 318	Modern Physics	3	EGR 401	Christian Ethics and Engg	2
CPE 304	Advanced Digital Logic	2	ELE 324	Electrical Machines or ELE / EGR Engineering Elective or Free Elective	3
EGR 481	Senior Design Project	3	POL 352	Great Issues in Politics	3
Society: Group B or C		3	MAT 265	Probability and Statistics	3
EGR 211	Solid Mechanics	4	<b>Total</b>		<b>14</b>
<b>Total</b>		<b>18</b>			

Core
  Major