



# Geneva College Four-Year Plan

# Degree: BSE/Mechanical

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	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			
<b>Total</b>		<b>17</b>	<b>Total</b>		<b>16</b>

YEAR 2					
FALL			SPRING		
		Credits			Credits
EGR 211	Solid Mechanics	4	EGR 212	Linear Circuit Analysis I	3
CSC 111 or MAT 265	MATLAB Programming Probability and Statistics	3	EGR 214	Dynamics	3
HUM 103	Invitation to Humanities	3	CSC 111 or MAT 265	MATLAB Programming Probability and Statistics	3
MAT 261	Calculus III	4	MAT 405	Differential Equations	4
PHY 201	College Physics	4	PHY 202	College Physics II	4
<b>Total</b>		<b>18</b>	<b>Total</b>		<b>17</b>

YEAR 3					
FALL			SPRING		
		Credits			Credits
EGR 330	Thermal Fluid Sciences	3	EGR 332	Fluid Mechanics	4
EGR 331	Thermal Fluid Sciences Lab	1	BIB 300	Foundations of Chr Thought	3
ECO 270	Principles of Microeconomics	3	HUM 303	Perspectives: Faith,...	3
HUM 203	Making the West	3	MEE 333	Appl Thermal Fluids Engg	3
Math/Science Elective		3	PED 103	Physical Fitness	1
MEE 321	Mechanics of Deform Bodies	3	Mechanical Engineering Elective		3
<b>Total</b>		<b>16</b>	<b>Total</b>		<b>17</b>

YEAR 4					
FALL			SPRING		
		Credits			Credits
EGR 401	Christian Ethics and Engg	2	EGR 482	Senior Design Project	3
EGR 481	Senior Design Project	3	Engineering Electives		6
Free Elective		3	Free Elective		1
MEE 403	Mechanical Comp Design	3	Math / Science Elective		3
Mechanical Engineering Elective		3	POL 352	Great Issues in Politics	3
Society: Group B or C		3			
<b>Total</b>		<b>17</b>	<b>Total</b>		<b>16</b>

Core
  Major

(Spring 2022)

