



# Chemical Engineering

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**Geneva's Chemical Engineering program** will allow students to make a real difference through the development of chemical products. Chemicals like plastics, paints, fuels, fibers, medicines, fertilizers, semiconductors, and paper are a gift from God. Students called to chemical engineering education at Geneva learn to use their gifts to steward this specialized knowledge about how to use these materials for God's glory.



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# Chemical Engineering

## Example 4-Year Plan\*

	YEAR 1	YEAR 2	YEAR 3	YEAR 4
FALL SEMESTER	CHM 111 General College Chem	MAT 265 Probability and Statistics	CHE 301 Process Analysis	Elective
	EGR 100 Calling and Vocation	CHM 222 Organic Chemistry II	CHM 307 Physical Chemistry I	Engineering Elective
	EGR 101/102 Intro to Engineering	MAT 261 Calculus III	EGR 212 Linear Circuit Analysis I	CHE 401 Reactor Design
	MAT 161 Calculus I	PHY 201 College Physics I	EGR 330 Thermal Fluid Sciences	CHE 312 Advanced Laboratory
	ENG 101 English Composition	HUM 103 Invitation to Humanities	EGR 331 Thermal Fluid Sciences Lab	ECO 270 Princ Microeconomics
	BIB 112 Old Testament Introduction	CHM 232 Quant. Analytical Chem	HUM 203 Making the West	EGR 481 Senior Design Project
SPRING SEMESTER	BIB 113 New Testament Introduction	EGR 211 Solid Mechanics	PED 103 Physical Fitness	POL 352 Great Issues in Politics
	Reason and Rhetoric Option	MAT 405 Differential Equations	HUM 303 Perspectives	BIB 300 Biblical Foundations
	MAT 162 Calculus II	PHY 202 College Physics II	CHE 302 Unit Operations	EGR 316 Process Control
	CHM 221 Organic Chemistry I		CHE 315 Mass Transfer	EGR 401 Christian Ethics and Engg
	ENG 101/102 Intro to Engineering		CHM 306 Physical Chemistry II	EGR 482 Senior Design Project
			EGR 332 Fluid Mechanics	MEE 416 Design of Thermal Systems

■ Core  
■ Major  
 Elective

**GENEVA COLLEGE**  
**OFFICE OF ADMISSIONS**  
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 Beaver Falls, PA 15010  
 800.847.8255

\*Courses listed are examples and subject to change. Your class schedule will be developed with an advisor and may differ from what is listed above.