



Mechanical Engineering

Geneva's Mechanical Engineering program gives you experience designing, manufacturing, and operating mechanical systems for the good of your community. The world needs more problem solvers. Geneva's mechanical engineering program develops highly qualified engineers who can design effective solutions to ordinary and unfamiliar circumstances. By understanding the mathematical and physical principles of machines and mechanical systems and how their work relates to a Christian worldview, Geneva mechanical engineers serve God and others with excellence.



scan to learn more



Mechanical Engineering

Example 4-Year Plan*

YEAR 1

YEAR 2

YEAR 3

YEAR 4

FALL SEMESTER

CHM 111
General College
Chem

EGR 100
Calling and
Vocation

**EGR
101/102**
Intro to Engineering

MAT 161
Calculus I

ENG 101
English
Composition

BIB 112
Old Testament
Introduction

EGR 211
Solid Mechanics

CSC 111
Programming

MAT 261
Calculus III

PHY 201
College Physics I

HUM 103
Invitation to
Humanities

EGR 212
Linear Circuit
Analysis I

EGR 214
Dynamics

MAT 265
Probability and
Statistics

MAT 405
Differential
Equations

PHY 202
College Physics II

Math or Science
Elective

EGR 330
Thermal Fluid
Sciences

EGR 331
Thermal Fluid
Sciences Lab

MEE 321
Mech of Deform
Bodies

ECO 270
Princ Microeco-
nomics

HUM 203
Making the West

BIB 300
Biblical Worldviews

PED 103
Physical Fitness

HUM 303
Perspectives

EGR 332
Fluid Mechanics

MEE 333
Appl Thermal Fluids
Engg

Mechanical Engi-
neering Elective

Elective

Mechanical Engi-
neering Elective

EGR 401
Christian Ethics
and Eng

EGR 481
Senior Design
Project

MEE 403
Mechanical Comp
Design

Society
Group B or C

POL 352
Great Issues in
Politics

EGR 482
Senior Design
Project

Engineering
Elective

Math/Science
Elective

Elective

■ Core
■ Major
□ Elective

SPRING SEMESTER

BIB 113
New Testament
Introduction

Reason and
Rhetoric Option

MAT 162
Calculus II

CHM 221
Organic Chemistry I

**EGR
101/102**
Intro to Engineering

*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.

**GENEVA
COLLEGE**

OFFICE OF ADMISSIONS

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07-24