

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.



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Mechanical Engineering

Example 4-Year Plan*

YEAR 1

YEAR 2

EGR 211 Solid Mechanics

CSC 111/

MAT 265 Programming/Probability and Statistics

MAT 261

PHY 201 College Physics I

HUM 103

Invitation to Humanities

YEAR 3

YEAR 4

Math or Science Elective Elective

Core
Major
Elective

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Mechanical Engineering Elective

Princ Microeconomics

EGR 330 EGR 401

Thermal Fluid Sciences

Fluid Christian Ethics and Eng

EGN 331 Thermal Fluid Sciences Lab EGR 481 Senior Design Project

MEE 321 Mech of Deform Bodies

MEE 403 Mechanical Comp Design

HUM 203 Making the West Society Group B or C

FALL SEMESTER

MAT 161 Calculus I

CHM 111

General College

Chem

EGR 100

Calling and

EGR

101/102

Intro to Engineering

BIB 112 Old Testament Introduction

BIB 113

New Testament

Introduction

Reason and

Rhetoric Option

EGR 212 Linear Circuit Analysis I

EGR 214 Dynamics

CSC 111/

MAT 265 Programming/Probability and Statistics

> MAT 405 Differential

PHY 202 College Physics II

BIB 300

Biblical Worldviews

PED 103 Physical Fitness

HUM 303 Perspectives

EGR 332 Fluid Mechanics

MEE 333 Appl Thermal Fluids Engg

Mechanical Engineering Elective POL 352 Great Issues in Politics

EGR 482 Senior Design Project

Engineering Elective

Math/Science Elective

Elective

SPRING SEMESTER

MAT 162

CHM 221 Organic Chemistry I

ENG 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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