

- 3 Interdisciplinary 150 Developing the Christian Mind
- 3 Engineering 205 Material Science (S)
- 4 Mathematics 172 Calculus II (F,S)
- 4 Physics 133 Introductory Physics, Mechanics and Gravity (S)
- 3 History Core See Core Curriculum section of catalog for options
- 1 Health and Fitness See Core Curriculum section of catalog for options

- 4 Engineering 20x* t
- 3 Mathematics 270/271 Multivariable Calculus - Math 270 (F only), Math 271 (F,S)
- 4 Physics 235 Introductory Physics: Electricity and Magnetism (F)
- 2 Computer Science 104 Applied Computing (F) (CS 106 or 108 may be substituted but both are 4 SH)
- 3 Religion 121 or 131 Biblical Literature/Christian Theology
- 0 Engineering 295 Internship Workshop
- 1 Engineering 184 Sustainability Challenge (S) (Required for students seeking Sustainability Designation)

- 4 Engineering 20x t
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- 4 Mathematics 231 Differential Equations with Linear Algebra (F,S)
- 3 Economics 221 or 151 Principles of Economics/or Microeconomics (ECON 232 or 233 may be substituted)
- 2 Statistics 241 Engineering Statistics (S)
- 0 Engineering 294 Seminar

- 4 Engineering 305 Mechanics of Materials (F)
- 4 Engineering 319 Intro. To Thermal/Fluid Sciences (F)
- 4 Elective: Basic Science or Advanced Math
- 3 The Arts See Core Curriculum section of catalog for options
- 2 Interdisciplinary 102 Oral Rhetoric for Engineers (F,S)

- 4 Engineering 322 Machine Design with Finite Element Analysis (S)
- 4 Engineering 328 Intermediate Thermal/Fluid Sciences & Design (S)
- 3 Engineering 334 Dynamics of Machinery (S)
- 1 Engineering 382 Engineering Instrumentation Laboratory (S)
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