|  |  |  | 5 3 1 4 2 | Chemistry 101 <br> Engineering 101 <br> Engineering 181 <br> Mathematics 171 <br> Core Foundations | General Chemistry (F,S) <br> Intro to Engineering Design (F) <br> Graphical Communication Lab (F) <br> Calculus I (F,S) <br> CORE 100: Community and Commitments | $\star$ ENGR 20X - These courses are required but can be taken in any order: <br> ENGR 202* - Statics and Dynamics <br> ENGR 204 - Intro to Circuit Analysis and <br> Electronics with Lab <br> ENGR 209 - Intro to Conservation Laws \& Fluid <br> Mechanics <br> * Course offered as part of the Summer Program in Germany |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 華 |  |  | 3 4 4 3 3 | Engineering 205 <br> Mathematics 172 <br> Physics $133+133 \mathrm{~L}$ <br> Core Foundations <br> Core Comp and Skills | Material Science (S) <br> Calculus II (F,S) <br> Introductory Physics, Mechanics and Gravi <br> Foundations of Christianity I <br> Foundational Writing |  |  |
| Possibly insert Summer Program in Germany |  |  |  |  |  |  |  |
| \% |  $\square$ 4 Engineering 20X $\star$ <br> $\overline{0}$    <br> $\square$ 4 Mathematics 271  <br> $\stackrel{-}{-}$ $\square$ 4 Physics 235 + 235L <br> $\overline{\bar{\sigma}}$ $\square$ 2 Computer Sci 104 + 104L <br>  $\square$ 2 Core Foundations <br>  $\square$ 0 Engineering 295 <br>   2 Interdisciplinary 184 |  |  |  | Multivariable Calculus (F,S) <br> Introductory Physics: Electricity and Magnetism (F) <br> Applied Computing (F) (CS 106 or 108 may be substituted but both are 4 SH) <br> Foundations of Christianity II <br> Internship Workshop |  |  |
| O |  |  |  |  | Intro to Sustainability Challenges (F,S) (ES Tag, required for Sustainability Designation) |  |  |
| O |  |  |  |  |  |  |  |
| * Possibly insert Summer Program in Germany |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |
| Internship Experience (ENGR 385 Optional) |  |  |  |  |  |  |  |
| 210 <br>  <br> $=$ |  |  |  |  |  |  | Pink listings (core humanities courses) may be taken in any semester. ECON should be taken prior to BUS 357 . <br> See Elective Options sheet for courses allowed for green, red, orange, blue and purple categories. Classes shaded in light brown are optional. |
|  |  |  |  |  |  |  |  |

## Other Requirements

$\square$ 0-8 Core Comp and Skills: World Languages I (3 years in HS with B or better)
$\square$ 0-3 Engaged Citizenship Commitment Tag: Diversity and Difference
$\square$ 0-3 Engaged Citizenship Commitment Tag: Environmental Sustainability
$\square$ 0-3 Engaged Citizenship Commitment Tag: Global Regions and Cultures Revised Feb 2023

