Shaded courses are prerequisites for third-year courses.

( ) The number within the parenthesis represent the credits of the course.
F,W,S: Represents the term the course is offered (Fall, Winter and Spring term respectively).

First Year
- Winter
  - ENGR 100: Orientation (F,W,S 3)
  - ENGR 102: Design & Problem Solving (F,W,S 3)
  - PH 213: Physics w/ Calculus (W,S 4)
  - PH 212: Physics w/ Calculus (W,S 4)
  - WR 121Z: English Composition (F,W,S 4)
  - COMM 111Z/114: Speech (F,W,S 4/3)
  - HHS 231: Lifetime Fitness (F,W,S 2)
  - HHS 241: OR PAC (F,W,S 1)
  - MTH 211: Matrices & Series (F,W,S 2/2)

- Fall
  - CBEE 211: Material Balances and Stoichiometry (F,W,S 3)
  - CBEE 212: Energy Balances (W,S 3)
  - CBEE 213: Process Data Analysis (S,3)
  - ENGR 103: Computation & Algorithmic Thinking (F,W,S 3)
  - CH 231/261: Chemistry (F,W,S 4/1)
  - CH 232/262: Chemistry (W,S 4/F,W,S 1)
  - CH 233/263: Chemistry (F,S 4/F,W,S 1)
  - CH 234/264: Chemistry (F,S 4/F,W,S 1)
  - MTH 254: Vector Calculus (F,W,S 4)
  - MTH 256: Matrices & Series (F,W,S 4)
  - MTH 252: Differential Equations (F,W,S 4)
  - MTH 111: Differential Calculus (F,W,S 4)
  - MTH 112: Integral Calculus (F,W,S 4)
  - MTH 112: Differential Equations (F,W,S 4)
  - WR 227Z: Technical Writing (F,W,S 4)
  - OR PAC: Option (F,W,S 1)

- Spring
  - CH 331: Organic Chemistry (F,W,S 4)
  - CH 332: Organic Chemistry (F,W,S 4)
  - ENGR 201: Electrical Fundamentals (F,W,S 3)
  - ENGR 211: Statics (F,W,S 3)
  - MTH 256: Matrices & Series (F,W,S 4)
  - MTH 254: Vector Calculus (F,W,S 4)
  - MTH 252: Differential Equations (F,W,S 4)
  - MTH 252: Matrices & Series (F,W,S 4)

Second Year
- Winter
  - CBEE 211: Material Balances and Stoichiometry (F,W,S 3)
  - CBEE 212: Energy Balances (W,S 3)
  - CBEE 213: Process Data Analysis (S,3)
  - ENGR 103: Computation & Algorithmic Thinking (F,W,S 3)
  - CH 231/261: Chemistry (F,W,S 4/1)
  - CH 232/262: Chemistry (W,S 4/F,W,S 1)
  - CH 233/263: Chemistry (F,S 4/F,W,S 1)
  - CH 234/264: Chemistry (F,S 4/F,W,S 1)
  - MTH 254: Vector Calculus (F,W,S 4)
  - MTH 256: Matrices & Series (F,W,S 4)
  - MTH 252: Differential Equations (F,W,S 4)
  - MTH 111: Differential Calculus (F,W,S 4)
  - MTH 112: Integral Calculus (F,W,S 4)
  - MTH 112: Differential Equations (F,W,S 4)
  - WR 227Z: Technical Writing (F,W,S 4)
  - OR PAC: Option (F,W,S 1)

- Spring
  - CH 331: Organic Chemistry (F,W,S 4)
  - CH 332: Organic Chemistry (F,W,S 4)
  - ENGR 201: Electrical Fundamentals (F,W,S 3)
  - ENGR 211: Statics (F,W,S 3)
  - MTH 256: Matrices & Series (F,W,S 4)
  - MTH 254: Vector Calculus (F,W,S 4)
  - MTH 252: Differential Equations (F,W,S 4)
  - MTH 252: Matrices & Series (F,W,S 4)

Updated 8/2023
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