**Shaded courses are either pre-requisite courses, or strongly recommended to take prior to Upper Division**

**Shaded courses are additional 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**

**Fall**
- CBEE 101 or ENGR 111 (F, 3)
- HHS 231+ PAC (F,W,S, 3)
- CH 231/261 Chemistry (F,W, 4/1)
- WR 121 English Composition (F,W,S, 3)
- COMM 111/114 Speech (F,W,S, 3)

**Winter**
- MTH 251 Differential Calculus (F,W,S, 4)
- MTH 252 Integral Calculus (F,W,S, 4)
- MTH 252 Integral Calculus (F,W,S, 4)
- Co-Req: MTH 252

**Spring**
- MTH 254 Vector Calculus (F,W,S, 4)
- PH 211 Physics w/ Calculus (F,W,S, 4)
- CH 232/262 Chemistry (W,S, 4/1)
- MTH 254 Vector Calculus (F,W,S, 4)

**SECOND YEAR**

**Fall**
- CBEE 102 or ENGR 112 (W, 3)
- HHS 231+ PAC (F,W,S, 3)
- MTH 251 Differential Calculus (F,W,S, 4)
- MTH 252 Differential Equations (F,W,S, 4)
- CH 233/263 Chemistry (F,S, 4)
- PH 212 Physics w/ Calculus (F,W,S, 4)
- CH 331 Organic Chemistry (F,W,U, 4)
- WR 121 English Composition (F,W,S, 3)

**Winter**
- CBEE 211 Material Balances and Stoichiometry (F, 3)
- CBEE 211 Material Balances and Stoichiometry (F, 3)
- CBEE 212 Energy Balances (W, 3)
- PH 213 Physics w/ Calculus (F,W,S, 4)
- PH 213 Physics w/ Calculus (F,W,S, 4)
- WR 121 Technical Report Writing (F,W,S, 3)

**Spring**
- CBEE 213 Process Data Analysis (F,W,S, 3)
- CBEE 213 Process Data Analysis (F,W,S, 3)
- CBEE 212 Energy Balances (W, 3)
- WR 121 Technical Report Writing (F,W,S, 3)
- Perspective (F,W,S, 3)
- Perspective (F,W,S, 3)
Shaded courses are technical electives that may vary in credits

F, W, S: Represents the term the course is offered (Fall, Winter and Spring term respectively).