BSE – Mechanical Engineering (MENG) Concentration

Freshman

- ENGR 1012 (2): Engineering Graphics
- ENGR 1000 (1): Introduction to Engineering
- ENGR 1016 (2): Intro to Eng Design
- ENGR 2022 (3): Engineering Design/PM I
- ENGR 2000 (1): Engineering Design/PM I
- ENGR 2050 (3): Computer Applications in Engineering
- ENGR 2070 (3): Materials and Processes
- ENGR 2450 (3): Dynamics
- ENGR 3024 (3): Mechanics of Materials
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3420 (2): Engineering Economics
- MATH 2151 (3): Calculus I
- MATH 2152 (3): Calculus II
- CHEM 1150/1151 (4): General Chemistry
- PHYS 2350 (4): University Physics I
- PHYS 2360 (4): University Physics II
- ENGR 2514 (4): Circuit Analysis
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3070 (3): Thermo. I
- ENGR 3070 (3): Thermo II
- ENGR 4150 (4): Fluid Mechanics
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4650 (3): Machine Design
- Tech Elective (3)

Sophomore

- ENGR 1012 (2): Engineering Graphics
- ENGR 1000 (1): Introduction to Engineering
- ENGR 1016 (2): Intro to Eng Design
- ENGR 2022 (3): Engineering Design/PM I
- ENGR 2000 (1): Engineering Design/PM I
- ENGR 2050 (3): Computer Applications in Engineering
- ENGR 2070 (3): Materials and Processes
- ENGR 2450 (3): Dynamics
- ENGR 3024 (3): Mechanics of Materials
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3420 (2): Engineering Economics
- MATH 2151 (3): Calculus I
- MATH 2152 (3): Calculus II
- CHEM 1150/1151 (4): General Chemistry
- PHYS 2350 (4): University Physics I
- PHYS 2360 (4): University Physics II
- ENGR 2514 (4): Circuit Analysis
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3070 (3): Thermo. I
- ENGR 3070 (3): Thermo II
- ENGR 4150 (4): Fluid Mechanics
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4650 (3): Machine Design
- Tech Elective (3)

Junior

- ENGR 1012 (2): Engineering Graphics
- ENGR 1000 (1): Introduction to Engineering
- ENGR 1016 (2): Intro to Eng Design
- ENGR 2022 (3): Engineering Design/PM I
- ENGR 2000 (1): Engineering Design/PM I
- ENGR 2050 (3): Computer Applications in Engineering
- ENGR 2070 (3): Materials and Processes
- ENGR 2450 (3): Dynamics
- ENGR 3024 (3): Mechanics of Materials
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3420 (2): Engineering Economics
- MATH 2151 (3): Calculus I
- MATH 2152 (3): Calculus II
- CHEM 1150/1151 (4): General Chemistry
- PHYS 2350 (4): University Physics I
- PHYS 2360 (4): University Physics II
- ENGR 2514 (4): Circuit Analysis
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3070 (3): Thermo. I
- ENGR 3070 (3): Thermo II
- ENGR 4150 (4): Fluid Mechanics
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4650 (3): Machine Design
- Tech Elective (3)

Senior

- ENGR 1012 (2): Engineering Graphics
- ENGR 1000 (1): Introduction to Engineering
- ENGR 1016 (2): Intro to Eng Design
- ENGR 2022 (3): Engineering Design/PM I
- ENGR 2000 (1): Engineering Design/PM I
- ENGR 2050 (3): Computer Applications in Engineering
- ENGR 2070 (3): Materials and Processes
- ENGR 2450 (3): Dynamics
- ENGR 3024 (3): Mechanics of Materials
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3420 (2): Engineering Economics
- MATH 2151 (3): Calculus I
- MATH 2152 (3): Calculus II
- CHEM 1150/1151 (4): General Chemistry
- PHYS 2350 (4): University Physics I
- PHYS 2360 (4): University Physics II
- ENGR 2514 (4): Circuit Analysis
- ENGR 3000 (2): Eng Design & PM II
- ENGR 3070 (3): Thermo. I
- ENGR 3070 (3): Thermo II
- ENGR 4150 (4): Fluid Mechanics
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4260 (3): Heat and Mass Transfer
- ENGR 4650 (3): Machine Design
- Tech Elective (3)

Note: This chart is for planning purposes only. It is the student’s responsibility to ensure that requirements as detailed in the Undergraduate Catalog are met.