

Freshman Year

16 units

15 units

Sophomore Year

14 units

16 units

Junior Year

16 units

15 units

Senior Year

16 units

14 units

ME 1070
Eng Math

[Exam, MATH 1040,
or MATH 1083]

3

ME 1079
Eng Math Lab

<ME 1070>

1

MATH 2110
Calc. I

[Exam, MATH
1040, or MATH
1083]

4

ENGR 1500

2

Area 1C
Oral Comm.

3

Area 1A
Engl. Comp.

3

MATH 2120
Calc. II

[MATH 2110]

4

PHYS 2100
Physics I

[ME 1070]

4

ME 1030
Eng. Graphics
& CAD

<PHYS 2100>

1

Area 3A
Arts

3

ENGL 2030

3

MATH 2130
Calc. III

[MATH 2120]

3

CHEM 1040
Gen. Chem.
Eng.

4

ME 2030
Intro. Mech.
Design

[PHYS 2100,
ME 1030]

3

ME 2800
Num. Meth. I

[MATH 2110]

1

ME 2010
Statics

[PHYS 2100,
MATH 2110]

3

MATH 2190
Linear Alg. &
Diff. Eq.

[MATH 2120]

3

PHYS 2200
Physics II

[PHYS 2100]

4

ME 2070
Materials Sc.
and Eng.

[CHEM 1040,
MATH 2110]

3

ME 2050
Strength
Materials

[ME 2010]

3

ME 3030
Fluid Mech.

[ME 2010]

3

ME 3000
Econ. Eng.

[Junior or
Senior]

3

ME 3200
Dynamics

[ME 2010]

3

ME 3120
Strength
Materials Lab

[ME 2050]

1

ME 3040
Stat. Analysis
Exp. Data

[MATH 2120]

3

ME 2040
Circuit Analysis
for ME

[PHYS 2200,
MATH 2120]

3

ME 3260
Thermo.

[PHYS 2100,
MATH 2110]

3

ENGR 3010
Ethics & Prof.

[Junior or
Senior]

3

ME 3270
Manufact.
Proc.

[ME 2030, ME
2050, ME 2070]

3

ME 4310
Materials Lab.

[ME 2070]

1

ME 3230
Machine
Design I

[ME 2030, ME 2050,
ME 2070, MATH
2130]

3

ME 3800
Num. Meth. II

[ME 2800,
MATH 2190]

2

Area 6
Ethnic Studies

3

ME 4971
Senior Project I
[ME 3230, ME 3000,
ENGR 3010]
<ME 4061, ME
3040, ME 3800>

3

ME 4061
Heat Transfer
[ME 3030, ME
3260, MATH
2190]

3

ME 4140
Machine
Design II
[ME 3230]
<ME 3140>

3

ME 3140
Machine Des.
Lab

<ME 3230>

1

ME xxxx
Elective

3

US History

3

ME 4972
ME Senior
Project II

3

ME 4079
Thermal Fluids
Lab

<ME 4061>

1

ME 4960
EIT Exam Prep
[ME 3230, ME 3000,
ENGR 3010]
<ME 4061, ME
3040, ME 3800>

1

ME xxxx
Elective

3

ME xxxx
Elective

3

US Constit.

3