Bachelor of Science in Mining Engineering

201X-201Y

Revised 12/16/15

Year 1

Fall

MA 1160/1161
CALCULUS w/ TECH I
(4/5 CREDITS)
F, S, Su

PH 1100
PHYSICS LAB I
(1 CREDIT)
F, S, Su

CH 1150
UNIV. CHEMISTRY I
(3 CREDITS)
F, S, Su

ENG 1101 or
ENG 1100 & ENG 1101
ENG. ANALYSIS & Prob. Solving
(3 CREDITS)
F, S, Su

ENG 1102
ENG. MODELING & DESIGN
(3 CREDITS)
F, S, Su

GE 1100
GEO & MINING ENG & SCI ORIENTATION
(1 CREDIT)
F

GE 1105
COMPOSITION
(3 CREDITS)
F, S, Su

ENG 1002 or pass Spec. Vis. test

16 CREDITS

Spring

MA 2160
CALCULUS w/ TECH II
(4 CREDITS)
F, S, Su

PH 2100
UNIV. PHYSICS II - MECH
(3 CREDITS)
F, S, Su

CH 1151
CHEMISTRY LAB 1
(1 CREDIT)
F, S, Su

ENG 1002 or Spec. Vis. test

16 CREDITS

Year 2

Fall

*MA2321
ELEM LINEAR ALGEBRA
(2 CREDITS)
F, S

GE 2300
MINERAL SCIENCE
(3 CREDITS)
F

MA 2160
CALCULUS w/ TECH III
(4 CREDITS)
F, S, Su

MAE 2160
MA2160
PH2100
ENG1102

ENG 2020
INTRO MIN ENGG & MIN METHODS
(3 CREDITS)
F

CM2200
INTRO MINERALS & MATERIALS
(3 CREDITS)
F

SU 2000
SURVEYING
(3 CREDITS)
F, S, Su

SU 1005 or UN 1005
GLOBAL ISSUES
(3 CREDITS)
F, S, Su

SS/Behavioral ELECTIVE from list
(3 CREDITS)
F, S, Su

HASS ELECTIVE
(3 CREDITS)
F, S, Su

17 CREDITS

Spring

*MA2321
DIFFERENTIAL EQ
(2 CREDITS)
F, S

GE 2320
MINING METHODS
(3 CREDITS)
S

MAE 2160
MA2160
PH2100
ENG1102

ENG 2020
INTRO MIN ENGG & MIN METHODS
(3 CREDITS)
F

CM2200
INTRO MINERALS & MATERIALS
(3 CREDITS)
F

SU 2000
SURVEYING
(3 CREDITS)
F, S, Su

SU 1005 or UN 1005
GLOBAL ISSUES
(3 CREDITS)
F, S, Su

SS/Behavioral ELECTIVE from list
(3 CREDITS)
F, S, Su

HASS ELECTIVE
(3 CREDITS)
F, S, Su

17 CREDITS

Year 3

Fall

*MA3521
MULTIVARIABLE CALCULUS W/ TECH
(4 CREDITS)
F, S

GE 3870
MINE VENTILATION & HEALTH & SAFETY
(3 CREDITS)
S

MA 3160
UNIV. CHEMISTRY II
(3 CREDITS)
F

MA 3710
PHYSICS LAB I
(3 CREDITS)
F, S, Su

GE 2000 & ENG2120
or GE3050

ENG 3880
FREE ELECTIVE
(3 CREDITS)
F, S, Su

EC 3400
ECON DECISION ANALYSIS
(3 CREDITS)
F, S, Su

EE 3010
ELECTRICAL CIRCUITS
(3 CREDITS)
F, S, Su

16 CREDITS

Spring

MA 3160
UNIV. CHEMISTRY II
(3 CREDITS)
F

MA 2160
CALCULUS w/ TECH III
(4 CREDITS)
F, S, Su

MAE 2160
MA2160
PH2100
ENG1102

ENG 2020
INTRO MIN ENGG & MIN METHODS
(3 CREDITS)
F

CM2200
INTRO MINERALS & MATERIALS
(3 CREDITS)
F

SU 2000
SURVEYING
(3 CREDITS)
F, S, Su

SU 1005 or UN 1005
GLOBAL ISSUES
(3 CREDITS)
F, S, Su

SS/Behavioral ELECTIVE from list
(3 CREDITS)
F, S, Su

HASS ELECTIVE
(3 CREDITS)
F, S, Su

16 CREDITS

Year 4

Fall

MA2160
PH2100
ENG1102

ENG 3880
FREE ELECTIVE
(3 CREDITS)
S

HASS ELECTIVE
(3 CREDITS)
S

EC 3400
ECON DECISION ANALYSIS
(3 CREDITS)
S

EE 3010
ELECTRICAL CIRCUITS
(3 CREDITS)
S

3 CREDITS

Spring

MA2160
PH2100
ENG1102

ENG 3880
FREE ELECTIVE
(3 CREDITS)
S

HASS ELECTIVE
(3 CREDITS)
S

EC 3400
ECON DECISION ANALYSIS
(3 CREDITS)
S

EE 3010
ELECTRICAL CIRCUITS
(3 CREDITS)
S

3 CREDITS

130 Total Credits

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.