BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENTCatalogue
Student:Date:2023 - 2024
netID: Advisor:
Year 1
Semester 1CrStatusSemester 2CrStatus
MA: MATH 1234 - Calculus I*
4
CEE 1000, EE 1100, ME 1010 -
 First Year Design Experience
2
S1: ECON 1400 - Principles of Macroeconomics
+
3
MA: MATH 1248 - Calculus II*
MATH 1234
4
N2, QD: CHEM 1400 - General Chemistry I
4
N2, QD: PHYS 1500 - Physics for Engineers I
MATH 1234
4
ENGR 1020 - Graphical Communication
2PHYS 1510 - Physics Problem Solving I [Optional][1]
CEMS 1500 - CEMS First Year Seminar
1S1: ECON 1450 - Principles of Microeconomics
+
3
Catamount Core (WIL1): ENGL 1001 - Written Expression
3QD: CS 1210 - Computer Programming I
3
Total credits17Total credits16-17
Year 2
Semester 1CrStatusSemester 2 CrStatus
MA: MATH 2248 - Calculus III
MATH 1248
4
MATH 3201 - Adv Engineering Mathematics
MATH 2248
3
BUS 1610 - Financial Accounting
ECON 1400 or ECON 1450
3
ME 1210 - Thermodynamics*
MATH 1248; PHYS 1500; CHEM 1400
3
N1, QD: PHYS 1550 - Physics for Engineers II
PHYS 1500; MATH 1248; Coreq: MATH 2248
3
QD: BUS 2130 - Decision Analysis*
MATH 1234; STAT 2430
3
PHYS 1560 - Physics Problem Solving II [Optional]
[1]
BUS 2620 - Managerial Accounting
BUS 1610
3
CEE 1100 - Statics
MATH 1248; PHYS 1500
3
EE 2145 - Electrical Engr Concepts
MATH 1248
 OR EE 2175 - Electrical Circuits & Sensors
 MATH 1248
4
QD: STAT 2430 - Statistics for Engineering*
MATH 1234
3
Total credits16-17Total credits16
Year 3
Semester 1CrStatusSemester 2CrStatus
BUS 2300 - Leadership & Org Behavior
ECON 1400 or ECON 1450
3
BUS 2700 - Operations Management
BUS 2130; BUS 1610; MATH 1234; STAT 2430
3
MA: MATH 2522 - Applied Linear Algebra
MATH 1248
 OR MA: MATH 2544 - Linear Algebra
 MATH 1248; Pre/Coreq: MATH 2248
3
BUS 2800 - Managerial Finance
BUS 1610; STAT 2430
 OR BUS 2792 - Business Process Improvement
 BUS 1140 or BUS 2740
3
SU: EMGT 2041 - Engineering Economics
MATH 1248
3
Engineering Science Elective
3
Engineering Science Elective
1US

Prerequisite courses are listed below the course name in italics. Prerequisites listed are only for courses, as relevant to
your specific degree program, and may have other registration restrictions. Please refer to the catalogue.

* Grade of C- or higher required
+Grade of C- or higher required in either ECON 1400 or ECON 1450

Engineering Science Elective: All BME, CEE, EE, EMGT, ENGR & ME courses (except ENGR 1100). Must include a
minimum of 6 EMGT credits.

Capstone Design I and II courses must have the same course prefix.

Catamount Core: SƚƵdenƚƐ maǇ ƚake coƵrƐeƐ ƚhaƚ fƵlfill more ƚhan one CaƚamoƵnƚ Core reqƵiremenƚ͕ bƵƚ ƚheǇ mƵƐƚ
ƐƟll ƚake aƚ leaƐƚ ϰϬ ƵniqƵe crediƚƐ of coƵrƐeƐ ƚhaƚ haǀe been approǀed ƚo fƵlfill CaƚamoƵnƚ Core reqƵiremenƚƐ͘