BEng in Chemical Engineering

Major Requirements

Engineering Fundamental Courses

- Calculus I (MATH 1020, 1022Q or 1022P)
- Calculus II (MATH 2040, 2042Q or 2042P)
- General Chemistry IA (CHEM 1010, 1011)
- Introduction to Computing with Excel VBA
- Introduction to Computer Science

Required Credits for Engineering Fundamental Courses 18

Major Required Courses and Electives

- Chemical Engineering Laboratory I
- Chemical Engineering Laboratory II
- Material Engineering
- Chemical Engineering Thermodynamics I
- Chemical Engineering Thermodynamics II
- Chemical Engineering, General Chemistry II
- Chemical Engineering, General Chemistry I

Required Credits for Major Required Courses and Electives 36

BBA in General Business Management

School Requirements

- Introduction to Accounting I (ACCT 1003)
- MATH 1112 or 1132 or 1224 or 1324
- General Physics I with Calculus (PHYS 1112)
- Calculus I (MATH 1020)
- General Chemistry IA (CHEM 1010, 1011)

Required credits for School Requirements 75

Major Requirements

Major Required Courses and Electives

- Business Ethics and Social Responsibility
- Principles of Microeconomics
- Financial Management
- Microeconomics
- Management Information System
- Financial Accounting

Required credits for Major Required Courses and Electives 31

Additional Requirements

Requirements for Dual Degree Program

Dual Degree Program: BEng in Chemical Engineering and BBA in General Business Management

- University CORE
- Engineering Seminar Series
- Operations Management
- Chemical Engineering Thermodynamics
- Business Ethics and Social Responsibility
- Principles of Accounting II
- Marketing Management
- Business Case Analyses
- Academic and Professional Development I

Total Term Load (Excl. Free Credits) 180

Notes:

(1) The course of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalog/OU Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.

(2) This course will also be used to satisfy the requirements of both BEng and BBA degrees.

(3) ISOM 2010 may be substituted by COMP 3210.

(4) Required credits for Major Required Courses and Electives 31

(5) Required credits for School Requirements 75

(6) Required credits for University CORE 28

(7) Declaration of Major

(8) Course offered in winter term

(9) Course offered in summer term

(10) Double-counted courses are either waived or substituted.

(11) To graduate, students should complete all requirements as specified for DDP.

*Remark: CENG 1000 and CHEM 1010/1020 in Year 1.

**Remarks on course(s):**