### BEng in Chemical Engineering

#### Major Requirements

**Engineering Fundamental Courses**
- MATH 1020 Honors Calculus I
- MATH 1021 Calculus IA
- MATH 1022 Calculus IB
- MATH 2062 Professional Speaking for the Workplace
- PHYS 1012 General Physics I
- PHYS 1022 General Physics II
- SBM 1003 Introduction to Biomedical Engineering
- CHEM 1020 Introduction to Chemical and Biological Engineering
- ENG 1020 General English Language
- ENGG 1312 Introduction to Multivariable Calculus

**Major Required Courses and Electives**
- CENG 1000 General Biology I
- CENG 2010 General Physics I
- CENG 2310 Modeling for Chemical and Biological Engineering
- CENG 2030 Separation Processes
- CENG 3060 Professional Speaking for the Workplace
- CENG 4020 Academic and Professional Development II
- CENG 4920 Chemical Engineering Thesis Research
- CENG 4930 Chemical Engineering Capstone Design

**Required credits for Major Requirements Courses and Electives**
- 19-24 credits

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### BBA in Marketing

**School Requirements**
- ECON 1000 Principles of Microeconomics
- ISOM 1000 Introduction to Information Systems
- MATH 1003 Calculus IA
- MATH 1012 Calculus IB
- MATH 1013 Calculus IA

**Required credits for School Requirements**
- 30 credits

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### Additional Requirements

**Requirements for Dual Degree Program**

**Major Required Courses and Electives**
- CENG 1000 General Biology I
- CENG 2010 General Physics I
- CENG 2310 Modeling for Chemical and Biological Engineering
- CENG 2030 Separation Processes
- CENG 3060 Professional Speaking for the Workplace
- CENG 4020 Academic and Professional Development II
- CENG 4920 Chemical Engineering Thesis Research
- CENG 4930 Chemical Engineering Capstone Design

**Required credits for Major Required Courses and Electives**
- 19-24 credits

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**Notes:**
- * indicates the reuse of the same course to fulfill more than one requirement.
- * Courses offered in alternate terms.
- ** Courses offered in summer term.
- Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements.