MSc in Chemical and Biomolecular Engineering – Course Schedule

Students are required to complete a total of 30 credits of coursework, made up of at least 12 credits of foundation courses and 6 credits of elective courses. Students who do not possess a bachelor’s degree in Chemical Engineering will be required to take at least 15 credits of foundation courses. All students may also take a maximum of 9 credits of non-CBME postgraduate courses, subject to the approval of the Program Director.

**Tentative** course offering schedule:

2020-21 Fall Term

- CBME 5810  Energy Integration and Optimization for Process Industry
- CBME 5820  Energy, Environment and Sustainable Development*
- CBME 5830  Electrochemical Energy Technologies*
- CBME 6000D Process Reactor Selection and Design*
- CBME 6000E  Protein Engineering

2020-21 Spring Term

- CBME5110  Theory and Practice in Heterogeneous Catalysis*
- CBME5520  Polymer and Materials Characterization Techniques*
- CBME5320  Water Quality and Assessment
- CBME5840  Nanomaterials for Chemical Engineering Applications*
- CBME 6000B Pharmaceutical Engineering

* Foundation course

Courses are offered subject to needs and availability.

For course details, please refer to:

![Course Catalog](image-url)