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**
- CBME 5110  Theory and Practice in Heterogeneous Catalysis*
- CBME 5520  Polymer and Materials Characterization Techniques*
- CBME 5320  Water Quality and Assessment
- CBME 5840  Nanomaterials for Chemical Engineering Applications*
- CBME 5900  Pharmaceutical Engineering*

* Foundation course

All courses are offered subject to needs and availability. For the latest list of courses to be offered, visit [Class Schedule & Quota](#).

For course details, please refer to:

![Course Catalog](#)