Abbreviations: Elec.: Elective Course, NTE: Non-Technical Elective

1st Semester
- MAT 100 or Exemption Exam

2nd Semester
- MAT 119: Calculus with Analytical Geometry
- PHY 105: General Physics I
- CHM 111: General Chemistry I
- MECH 113: Computer Aided Engineering Drawing I
- ENGL 101: Development of Reading Writing Skills I
- GPC 100: First Year on Campus
- CNG 100: Introduction to Information Tech.

3rd Semester
- MAT 120: Calculus for Functions of Several Variables
- PHY 106: General Physics II
- CHM 112: General Chemistry II
- ENGL 102: Development of Reading Writing Skills II
- OCHS 101: Occupational Health & Safety I
- CHME 102: Intro. to Chemical Engineering
- CNG 230: Introduction to C Programming

4th Semester
- MAT 219: Differential Equations
- CHM 237: Organic Chemistry I
- CHM 238: Organic Chemistry II
- ENGL 211: Academic Oral Presentation Skills
- HST 201 / HST 205
- HST 202 / HST 206
- CHM 230: Analytical Chemistry for Engineers
- CHM 231: Physical Chemistry
- NTE
- ENGL 311: Advanced Communic. Skills
- CHME 204: Heat Transfer
- CHME 205: Chemical Process Calculations
- CHME 206: Chemical Process Calculations
- CHME 207: Chemical Process Calculations
- CHME 208: Chemical Process Calculations
- CHME 209: Chemical Process Calculations

5th Semester
- TUR 101 / TUR 201
- TUR 102 / TUR 202
- CHM 351: Physical Chemistry
- Tech. Elec. I
- ECO 210: Principles of Economics

6th Semester
- CHME 300: Summer Practice I
- CHME 301: Summer Practice II
- CHME 302: Chem. Eng. Laboratory I
- CHME 303: Chemical Reaction Engineering
- CHME 304: Chemical Reaction Engineering
- CHME 305: Chem. Eng. Laboratory II
- CHME 306: Chem. Eng. Laboratory II
- CHME 307: Chem. Eng. Laboratory II
- CHME 308: Chem. Eng. Laboratory II
- CHME 309: Chem. Eng. Laboratory II

7th Semester
- CHME 312: Chemical Reaction Engineering
- CHME 400: Summer Practice II
- CHME 401: Chem. Eng. Laboratory II
- CHME 402: Chem. Eng. Laboratory II
- CHME 403: Chem. Eng. Laboratory II
- CHME 404: Chem. Eng. Laboratory II
- CHME 405: Chem. Eng. Laboratory II
- CHME 406: Chem. Eng. Laboratory II
- CHME 407: Chem. Eng. Laboratory II
- CHME 408: Chem. Eng. Laboratory II
- CHME 409: Chem. Eng. Laboratory II
- CHME 410: Chem. Eng. Laboratory II
- CHME 411: Chem. Eng. Laboratory II
- CHME 412: Chem. Eng. Laboratory II
- CHME 413: Chem. Eng. Laboratory II
- CHME 414: Chem. Eng. Laboratory II
- CHME 415: Chem. Eng. Laboratory II
- CHME 416: Chem. Eng. Laboratory II
- CHME 417: Chem. Eng. Laboratory II
- CHME 418: Chem. Eng. Laboratory II

8th Semester
- Department Elective I
- Department Elective II
- Department Elective III
- Department Elective IV
- TRACK ELECTIVE I
- TRACK ELECTIVE II
- TRACK ELECTIVE III
- TRACK ELECTIVE IV
- Track Elective
- Free Elec.

Students who successfully completed “MAT 100 Precalculus (1-2)” course or passed “Mathematics Proficiency Examination” can take MAT 119 course.

International students will take HST 205 and HST 206 instead of HST 201 and HST 202.

Students are expected to complete their summer training prior to registering CHME 300 and CHME 400.

To be chosen among the approved non-CHME courses offered by engineering programs.

A MUST Course for admissions from 2016/17 on; a prerequisite for internship for admissions from 2018/19 on.