SEMESTER COURSE SCHEDULE
UIC Chemical Engineering

FRESHMAN Total Hours = 16

ENGL 160	3	English Composition I
MATH 180	5	Calculus I
CHEM 112	5	General Chemistry I
ENGR 100	0	Engineering Orientation
HUM	3	Humanities or Soc. Sci. elec.

Total Hours = 17

ENGL 161	3	English Composition II
MATH 181	5	Calculus II
CHEM 114	5	Gen. Chemistry II
PHYS 141	4	Gen. Physics - Mech.

SOPHOMORE Total Hours = 17

MATH 210	3	Calculus III
CHEM 232	4	Organic Chemistry I
PHYS 142	4	Gen. Physics II-Elec. & Mag
CHE 201 (MATH 181)	3	Intro to Thermodynamics
CS 108/109	3	Fortran Prog. for Engineers

Total Hours = 18

MATH 220	3	Differential Equation I
CHEM 234 (=CHEM 233)	4	Organic Chemistry Lab II
ECE 210 (PHYS 142)	3	Electr Circuit Analysis
CHE 210	4	Material & En Balances
CHEM 233	1	Organic Chemistry Lab 1
CME 260 (MATH 181)	3	Properties of Materials

JUNIOR Total Hours = 16

CHE 311 (=CHE 210)	3	Transport Phenomena
CHE 301 (=CHEM 342, CHE 201)	3	ChE Thermodynamics
CHEM 342	3	Physical Chemistry I
CHEM 222	4	Analytical Chemistry
HUM/SOC	3	Humanities or Soc. Sci. Elec.

Total Hours = 15

CHE 312 (CHE 311)	3	Transport Phenomena II
CHE 313 (CHE 301)	3	Transport Phenomena III
CHE 321 (CHE 301, CHE 210)	3	Chem. Reaction Eng.
CHEM 346	3	Physical Chemistry II
HUM/SOC	3	Humanities or Soc. Sci. elec.

SENIOR Total Hours = 15

CHE 396 (CHE 321, CHE 313)	4	Senior Design I
CHE 381 (CHE 312)	2	Chemical Eng. Lab I
HUM/SOC	3	Humanities or Soc. Sci. elec.
ELECTIVE	3	Outside Major
ELECTIVE	3	Free Elective

Total Hours = 14

CHE 397 (CHE 396)	3	Senior Design II
CHE 341 (CHE 313, CHE 321, MATH 220, CHE 312)	3	Chemical Process Control
CHE 382 (CHE 381)	2	Chemical Eng. Lab II
ELECTIVE TECH. ELECTIVE	3	Outside Major 400 Level ChE or Equiv.
CHE 499	0	Prof. Development Seminar

Total Hours in Major = 128

Legend:

Milestone Courses: Must be taken in the specified semester to be able to graduate in 4 yrs.

( ) Prerequisites (=) Concurrent registration

ENGINEERING COURSES

ENGR. 100	0	Engineering Orientation
CS 10	3	Fortran Prog. For Engr.
ECE 210	3	Elec. Circuit Analysis
CME 260	3	Properties of Materials

ENGLISH

Engl. 160	3	English Composition I

CHEMISTRY COURSES

Chem 112	5	General College Chemistry I
Chem 114	5	General College Chemistry II
Chem 222	4	Analytical Chemistry
Chem 232	4	Organic Chemistry I
Chem 233	1	Organic Chemistry Lab I
Chem 234	4	Organic Chemistry II

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Elective 2	3	ChE Elective	3