Bachelor of Science in Chemical Engineering

For students starting in the 2021-22 academic year.

**First Year**

**Fall**
- CH 1150 (3) Univ Chem I
- CH 1151 (3) U Chem Lab I
- CM 1000 (1) Intro to ChE F
- MA 1160 (4) Calc I
- PH 1100 (1) Phys by Inq I

**Spring**
- CH 1160 (3) Univ Chem II
- CH 1161 (1) U Chem Lab II
- CM 2110 (3) MA 2160 (3) PH 2100 (C)
- MA 1160 (C) MA 1160 (C) PH 1100 (C)
- PH 2100 (3) Univ Physics I

**Second Year**

**Fall**
- CH 2410 (3) Org Chem I
- CH 2411 (1) O Chem Lab I
- CM 2110 (3) MA 3110 (3) MA 3521 (3) PH 2100 (C)
- MA 1160 (C) MA 1160 (C) PH 1100 (C)
- PH 1200 (1) Univ Physics II

**Spring**
- CH 24210 (C) Linear Algebra/Diff Eqns
- CH 24210 (C) Linear Algebra/Diff Eqns can be taken as full semester courses during separate semesters (MA 2320 & MA 3520).
- MA 2321 coreq
- MA 2321 coreq
- PH 2200 (3) Univ Physics II

**Third Year**

**Fall**
- CH 3510 (3) Phys Chem I
- CH 3510 (3) Phys Chem I
- CM 3110 (3) Transport Lab I
- CM 3110 (3) Transport Lab I
- CM 3240 (3) Separations F, Sp

**Spring**
- CM 3120 (3) Transp & UO I
- CM 3120 (3) Transp & UO II
- CM 3215 (3) Process Contrl
- CM 3240 (3) Separations
- CM 3510 (3) Chem Rx Engg

**Fourth Year**

**Fall**
- UN 1015 (3) Compositions F, Sp, Su
- Critical & Creative Thinking (3)
- Social Resp & Ethical Reasoning (3)

**Spring**
- CH 4110 (3) UO Lab F
- UN 1015 (3) Compositions F, Sp, Su
- UN 1025 (3) Global Issues F, Sp, Su
- Critical & Creative Thinking (3)
- Social Resp & Ethical Reasoning (3)

**Technical Elective (3)**

**Free Elective (3)**

**General Education: Core**

**Freshman Year**
- UN 1015 (3) Compositions F, Sp, Su
- Critical & Creative Thinking (3)

**Sophomore Year**
- UN 1025 (3) Global Issues F, Sp, Su
- Social Resp & Ethical Reasoning (3)
- HASS any level (3)
- HASS any level (3)

**Junior Year**
- HASS any level (3)
- HASS 3000+ level (3)
- HASS 3000+ level (3)

**Senior Year**
- HASS 3000+ level (3)

This is not an official list of degree requirements. For an official list of degree requirements go to the Registrar’s Office, Degree Services webpage to view the degree audit. For the most current and complete list of course prerequisites and restrictions go to the Registrar’s Office, Registration webpage to view the course descriptions.