**Suggested Course of Study for 3-2 Program in Chemical Engineering**

### Fall – Year 1
- MTH 1410 – Calculus I - 4
- CSC 1710 – Intro to Programming - 4
- CHM 1010 – Gen. Chemistry I – 3
- CHM 1011 – Gen. Chm. I Lab – 1
- FYS 1000 – First Year Seminar – 4
- EXP 1101 – President’s Seminar – 1
- Physical Education Core – 1

18 hours

### Spring – Year 1
- MTH 1420 – Calculus II – 4
- CSC 1720 – Advanced Programming - 4
- CHM 1020 – Gen. Chemistry II – 3
- CHM 1021 – Gen. Chm. II Lab – 1
- ENG 1103 – College Writing - 4
- Foreign Language Core - 4

20 hours

### Fall – Year 2
- MTH 2410 – Calculus III – 4
- CHM 2510 – Organic Chemistry I – 3
- CHM 2011 – Organic Chm. I Lab – 1
- PHY 2010 – Fund of Physics I – 4
- History Area I Elective – 4
- Ethical Reasoning Core – 4

20 hours

### Spring – Year 2
- MTH 2310 – Linear Algebra – 4
- Literature Area I Elective - 4
- CHM 2520 – Organic Chemistry II – 3
- CHM 2021 – Organic Chm. II Lab – 1
- PHY 2020 – Fund. of Physics II – 4
- Vis/Perform Arts Area I Elective – 4

20 hours

### Fall – Year 3
- Social Sciences Area II Elective – 4
- MTH 3410 – Differential Equations – 4
- CHM 4010 – Elem. of Phy Chem - 3
- ECO 2030 – Macroeconomics – 4
- Religion Area I Elective – 4

19 hours

### Spring – Year 3
- STS 3200 – Math Stats & Data Ana.– 4
- PHY 2100 – Electronics – 4
- CHM 4020 – Adv Top in Phy Chm – 3
- ECO 2050 – Microeconomics – 4
- Global Studies Elective – 4

19 hour