

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