

**BS CHEMISTRY (38-39 CREDITS OF LOWER DIVISION, 37 CREDITS OF UPPER DIVISION major courses)****Complete all of the following: (35 credits)**

Course	Description	Units
CHM1045	Gen Chemistry I	3
CHM1045L	Gen Chem Lab I	1
CHM1046	Gen Chemistry II	3
CHM1046L	Gen Chem Lab II	1
CHM2210	Organic Chem I	4
CHM2210L	Org Chem Lab I	1
CHM2211	Organic Chem II	3
CHM2211L	Organic Chem Lab II	1
MAC2311	Calculus I	4
MAC2312	Calculus II	4
PHY2048	Physics W/Calculus I	4
PHY2048L	General Phys Lab I	1
PHY2049	Physics W/Calc II	4
PHY2049L	General Phys Lab II	1

**Choose 1 course from the following: (3-4 credits)**

Course	Description	Units
COP2270	C For Engineers	3
MAC2313	Multivariable Calc	4
MAP2302	Differential Equat	3

**Complete all of the following: (36 credits)**

Course	Description	Units
CHM3120	Intro Analyt Chem	3
CHM3120L	Intr Analyt Chm Lab	1
CHM3410	Phys Chem I	4
CHM3410L	Phys Chm Lab I	1
CHM3411	Phys Chem II	4
CHM3411L	Phys Chem Lab II	2
CHM4130	Instrument Analysis	3
CHM4130L	Instr Analysis Lab	1
CHM4220	Adv Org Chem	3
CHM4304	Biol Chemistry I	3
CHM4611	Adv Inorganic Chemis	3
CHM4611L	Adv Inorg Chem Lab	1
CHM4910L	Under Res Chem	3
CHM 4XXX	4000 level Chem	3
CHM4930	Senior Seminar	1

**Choose 1 of these labs: (1 credit)**

Course	Description	Units
CHM4230L	Org Struc Detn	1
CHM4304L	Biol Chem I Lab	1