



# Course Pre-requisites for Department of Chemistry

**ALL CHEMISTRY COURSES MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER**

Course Prefix & Number	Course Title	CR	Pre-requisites
CHM 2045	General Chemistry I	3	MAC 1105* or 550 SAT or 24 EACT or 60 CPT <b>AND</b> 1 year of High School Chemistry or CHM 2023* <small>* requires a "C" or better</small>
CHM 2045 Lab	General Chemistry I Lab	1	CHM 2045 or as co-requisite
CHS 2440	General Chemistry for Engineers	3	MAC 1105* or 550 SAT or 24 EACT or 60 CPT <b>AND</b> 1 year of High School Chemistry or CHM 2023* <small>* requires a "C" or better</small>
CHS 2440 Lab	General Chemistry for Engineers Lab	1	CHS 2440 or as co-requisite
CHM 2046	General Chemistry II	3	CHM 2045 or CHS 2440
CHM 2046 Lab	General Chemistry II Lab	1	CHM 2045 Lab or CHS 2440 Lab <b>AND</b> CHM 2046 or as co-requisite
CHM 2210	Organic Chemistry I	3	CHM 2046
CHM 2210 Lab	Organic Chemistry I Lab	2	CHM 2046 Lab <b>AND</b> CHM 2210 or as co-requisite
CHM 2211	Organic Chemistry II	3	CHM 2210
CHM 2211 Lab	Organic Chemistry II Lab	2	CHM 2210 Lab <b>AND</b> CHM 2211 or as co-requisite
CHM 3120C	Elementary Analytical Chemistry	4	CHM 2046 <b>AND</b> CHM 2046 Lab
CHM 3610	Intermediate Inorganic Chemistry	3	CHM 2046 <b>AND</b> CHM 2046 Lab
CHM 3610 Lab	Intermediate Inorganic Chemistry Lab	1	CHM 2046 & Lab <b>AND</b> CHM 3610 or as co-requisite
BCH 3053	Introductory Biochemistry	3	CHM 2210 <b>AND</b> BSC 2010
BCH 3023L	Biochemistry Lab	2	BCH 3023* or BCH 3053 or BCH 4033 or as co-requisite <small>*Last offered Fall 2013</small>
BCH 4033	Advanced Biochemistry I	3	CHM 2211 <b>AND</b> BSC 2010
BCH 4034	Advanced Biochemistry II	3	BCH 3023 * or BCH 4033 <small>*Last offered Fall 2013</small>
CHM 4060	Use of Chemical Literature	1	CHM 2211
CHM 4130C (Fall only)	Methods of Chemical Investigation I	4	CHM 2211 & Lab <b>AND</b> CHM 3120C <b>AND</b> CHM 4060 <b>AND</b> CHM 4410
CHM 4131C (Spring only)	Methods of Chemical Investigation II	4	CHM 4130C
CHM 4300 (Fall only)	Biomolecules	3	CHM 2211
CHM 4410 (Fall only)	Physical Chemistry	4	CHM 2046 & Lab <b>AND</b> MAC 2312 or MAC 2242 or MAC 2282 <b>AND</b> PHY 2054 or PHY 2049 <b>AND</b> PHY 2054 Lab or PHY 2049 Lab
CHM 4410L	Physical Chemistry Lab	1	CHM 4410
CHM 4411 (Spring only)	Physical Chemistry II	4	CHM 2046 & Lab <b>AND</b> MAC 2312 or MAC 2242 or MAC 2282 <b>AND</b> PHY 2054 or PHY 2049 <b>AND</b> PHY 2054 Lab or PHY 2049 Lab
CHM 4413 (Spring only)	Biophysical Chemistry	3	CHM 4410
CHM 4611(Spring only)	Advanced Inorganic Chemistry	3	CHM 3610 <b>AND</b> CHM 4410
CHS 4300 (Fall only)	Clinical Chemistry	3	BCH 3023* or BCH 3053 or BCH 4033 <small>*Last offered Fall 2013</small>
CHS 4301L (Spring only)	Clinical Chemistry Lab	2	CHS 4300