

BS degree in Chemistry- PreMed/ PreDental Concentration

| Semester 1 | Semester 2 | Semester 3 | Semester 4 | Semester 5 | Semester 6 | Semester 7 | Semester 8 |
|--------------------------------------|-------------------------------------|---|--|--|--|--|--|
| CH 1234 Int. Chemistry I PMC | CH 1244 Int. Chemistry II PMC | CH 4554 Int. Organic Chemistry I PMC | CH 4564 Int. Organic Chemistry II PMC | CH2313/2311- Analytical Chemistry I plus lab PMC | CH 4603/ CH XXXX- Undergrad Research or CH Elective | CH 4403/ CH 4411 Biophysical plus lab ^a | CH 4353/ CH 4351- Analytical 2 plus lab |
| | | | CH 3213 Inorganic Chemistry | BCH 4603/ CH 4601- Biochemistry I plus CH lab PMC | BCH 4613- Biochemistry II PMC | | |
| CH 1141 Prof. Chemistry- Paths | CH 2141 Prof. Chemistry- Tools | | | CH 3141- Chemical Literature | CH 4141- Professional Research Ethics | | CH 4711- Senior Seminar |
| BIO 1134 Biology I PMC | BIO 1144 Biology II PMC | BIO 2103- Cell Biology PMC | BIO elective ^b | | | BIO elective ^b | |
| MA 1713 Calculus I | MA 1723 Calculus II | PH 1113/2113- Physics I PMC | PH 1123/2123- Physics II PMC | PH 1133/2133- Physics III PMC | ST 2113- Intro. To Statistics Pre-Dental ONLY | | |
| EN 1103 English Comp. I | EN 1113 English Comp. II | Req. History course | Req. Literature Course | Fine Arts Requirement | Medical Ethics (Recommended) PMC | Foreign Language I | Foreign Language II |
| | | PSY 1013 Gen. Psychology PMC | | | SO 1003- Intro. To Sociology PMC | | |
| Electives to fill schedule | Electives to fill schedule | Electives to fill schedule | Electives to fill schedule | Electives to fill schedule | Electives to fill schedule | Electives to fill schedule | Electives to fill schedule |
| Total Credit Hours= 15-18 | Total Credit Hours= 15-18 | Total Credit Hours= 15-18 | Total Credit Hours= 15-18 | Total Credit Hours= 15-18 | Total Credit Hours= 15-18 | Total Credit Hours= 15-18 | Total Credit Hours= 15-18 |

^aStudents must take 4 hours of Physical Chemistry but can choose EITHER the CH 4423/ CH 4421; CH 4413/ CH 4411; or CH 4303/CH 4411 course options.

^bBiology Elective: Choose 2 from the following options: BIO 3304 General Microbiology; BIO 3103 Genetics I or BIO 4133 Human Genetics; BIO 3004 Human Anatomy; BIO 4413 Immunology; BIO 3014 Human Physiology

NOTE: Courses Designated as "PMC" stands for PreMed Core. The PMC courses should be taken before you plan on taking the MCAT (typically late spring/early summer after Junior Year)