

Common Pre-Medical Pre-requisites

Course Name	Buffalo State College Course Number
Chemistry	Begin with CHE 110 or MAT 114 (3 credits)
(Required and on MCAT)	CHE 111 / 113 (lab) (4 credits)
	CHE 112 / 114 (lab) (4 credits)
Organic Chemistry	CHE 201 / 203 (lab) (4 credits)
(Required and on MCAT)	CHE 202 / 204 (lab) (4 credits)
Biology	Begin with BIO 111 (3 credits)
(Required and on MCAT)	BIO 211 (includes lab) (4 credits)
	BIO 213 (includes lab) (4 credits)
	BIO 316 (microbiology) (Includes lab) (4 credits)
Physics (Required and on MCAT)	PHY 107 – 108 (Algebra based) (8 credits)
OR	PHY 111 – 112 (Calculus based) (10 credits)
English/Writing	CWP 101 (3 credits)
(Required)	CWP 102 (3 credits)
Biochemistry	CHE 470 (Course pre-requisites are: BIO 111, BIO 211,
(Highly Recommended and on MCAT)	CHE 111/113, CHE 112/114, CHE 201/203, CHE 202/204)
Calculus (Is needed	Check with your intended program
for Pharmacy and Veterinary)	MAT 126 (pre-requisites are MAT 114 & MAT 124)
Statistics	MAT 311 (or in your discipline if available: PSY 306 for example)
(Highly Recommended and on MCAT)	Most programs require statistics
Psychology	PSY 101 (Introduction to Psychology) (3 credits)
(Highly Recommended	PSY 355 (Lifespan Development) (3 credits)
and on MCAT)	
Nature and Needs / Special Needs	EXE 100 (3 credits) (Relevant content course)