

MCW Pharmacy Sample Plan 3+3, CHE Major

First Year					
Fall			Spring		
Course		Credits	Course		Credits
CHE 161	General Chemistry 1	4	CHE 162	General Chemistry 2	4
CHE 168	General Chemistry 1 Lab	1	CHE 169	General Chemistry 2 Lab	1
MAT 221*	Calculus 1	4	MAT 222	Calculus 2	4
ENG 101	Writing and Rhetoric	3	COM 101	Introduction to Communication	3
THE ____	Introductory Theology	3	XXX	Social Science Gen Ed	3
COL 101	Introduction to College Experiences	1	XXX	Fine Arts Gen Ed	3
Total: 16			Total: 18		

Second Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 201	Principles of Biology 1	4	BIO 202	Principles of Biology 2	4
CHE 221	Organic Chemistry 1	3	CHE 222	Organic Chemistry 2	3
CHE 210	Quantitative Analysis	3	CHE 228&9	Organic Chemistry Lab	2
PHY 202	Physics 2: Electricity, Magnetism & Light	5	PHY 201**	Physics 1: Space, Time and Motion	5
THE ____	Biblical Theology	3	LAS 101	The Great Ideas	2
Total: 18			Total: 16		

Third Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 360, 354, 355 or NEU 201	Genetics, Immunology, Pathophysiology, or Principles of Neuroscience	4	BIO 331 or 433	Cell Biology or Molecular Biology	4
BCH 350	Biochemistry 1	3	CHE 310**	Instrumental Analysis	4
MAT 117 or DSC 311	Elementary or Applied Statistics	3	LAS 401/402	Liberal Arts Capstone	1
THE ____	Applied Theology	3	THE ____	Systematic Theology	3
ENG ____	English literature	3	HIS ____	History	3
PED 100	Health & Wellness and Activity	1			
Total: 17			Total: 15		

*MCW requires MAT 118 or higher, the CHE major requires MAT 221 and 222

**CHE 310 is only offered in odd-year spring semesters, so a student might need to switch CHE 310 and PHY 201 in this plan if CHE 310 is being offered in their second instead of third year.

- Courses used to fulfill prerequisites for admission to the MCW College of Pharmacy are **in red**.
- Courses fulfilling requirements for a major in Chemistry are **bolded**.
- MCW General Education requirements provide many options. In this sample plan, PHY 201, PHY 202, HIS, and Soc. Sci., are used to fulfill the 4-course requirement.
- If a student comes in with transfer credits and can fit CHE 341 into their schedule, it is recommended to take this course at WLC.
- This sample plan assumes reverse transfer of 26 total credits from MCW to fulfill the requirements for a Bachelor of Science degree (minimum of 120 total credits) with a major in Chemistry as indicated on the back of this sheet.

MCW Pharmacy 3+3 Reverse-Transfer credits, CHE Major

First Year at MCW					
MCW Courses			WLC Credits		
Course		Credits	Course		Credits
510	Biochemistry	3	CHE 341	Physical Chemistry 1	3
520	Pharmaceutical Drug Delivery I*	4	CHE 498	Undergraduate Research	2
512	Anatomy and Physiology	3	CHE ____	Chemistry electives	21
561	Principles of Drug Action, Pharmacogenomics*	5			
562	Infectious Diseases I	5			
564	Infectious Diseases II	5			
552	Population Health	3			
Total: 28			Total: 26		

*These courses cover pharmacokinetics, which make them transferable as physical chemistry credit at WLC