

## MCW Pharmacy Sample Plan 3+3, BIO Major

First Year					
Fall			Spring		
Course		Credits	Course		Credits
<b>CHE 161</b>	<b>General Chemistry 1</b>	<b>4</b>	<b>CHE 162</b>	<b>General Chemistry 2</b>	<b>4</b>
<b>CHE 168</b>	<b>General Chemistry 1 Lab</b>	<b>1</b>	<b>CHE 169</b>	<b>General Chemistry 2 Lab</b>	<b>1</b>
ENG 101	Writing and Rhetoric	3	<b>BIO 202</b>	<b>Principles of Biology 2</b>	<b>4</b>
MAT 118	College Algebra (or higher)	4	XXX	Social Science Gen Ed	3
COL 101	Introduction to College Experiences	1	COM 101	Introduction to Communication	3
THE ____	Introductory Theology	3	PED 100	Health & Wellness and Activity	1
Total: 16			Total: 16		

Second Year					
Fall			Spring		
Course		Credits	Course		Credits
<b>CHE 221</b>	<b>Organic Chemistry 1</b>	<b>3</b>	CHE 222	Organic Chemistry 2	3
<b>BIO 201</b>	<b>Principles of Biology 1</b>	<b>4</b>	CHE 228/9	Organic Chemistry Lab	1-2
<b>BIO 342</b>	<b>Clinical Microbiology</b>	<b>4</b>	<b>PHY 151 or 201</b>	<b>Physics 1</b>	<b>4-5</b>
THE ____	Biblical Theology	3	HIS ____	History	3
XXX	Foreign Language/ Gen Ed	3	XXX	Fine Arts Gen Ed	3
			LAS 101	The Great Ideas	2
Total: 17			Total: 16-18		

Third Year					
Fall			Spring		
Course		Credits	Course		Credits
<b>DSC 311</b>	<b>Applied Statistics</b>	<b>3</b>	<b>BIO ____</b>	<b>Biology elective</b>	<b>3-4</b>
<b>BIO 360, 354, 355 or NEU 201*</b>	<b>Genetics, Immunology, Pathophysiology, or Principles of Neuroscience</b>	<b>4</b>	<b>BIO 331 or 433*</b>	<b>Cell Biology or Molecular Biology</b>	<b>4</b>
<b>BIO 380</b>	<b>Ecology</b>	<b>4</b>	ENG ____	English literature	3
BCH 350 or CHE 210	Biochemistry 1 or Quantitative Analysis	3	THE ____	Systematic Theology	3
THE ____	Applied Theology	3	LAS 401/402	Liberal Arts Capstone	1
Total: 17			Total: 14-15		

\*MCW requires 2 advanced Biology courses from those listed here (or Anatomy & Physiology 1&2, which counts as one course), and the Biology major requires that either Genetics or Cell Biology is taken.

- Courses used to fulfill prerequisites for admission to the MCW College of Pharmacy are **in red**.
- Courses fulfilling requirements for a major in Biology are **bolded**.
- MCW General Education requirements provide many options. In this sample plan, PHY 151/201, HIS, Soc. Sci., and THE (applied) are used to fulfill the 4-course requirement.
- 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 Biology as indicated on the back of this sheet.

**MCW Pharmacy 3+3 Reverse-Transfer credits, BIO Major**

First Year at MCW					
MCW Courses			WLC Credits		
Course		Credits	Course		Credits
510	Biochemistry	3	<b>BIO ____</b>	<b>Biology electives</b>	<b>21</b>
511	Genetics and Clinical Immunology	3	<b>BIO 401-402</b>	<b>Research Strategies</b>	<b>5</b>
512	Anatomy and Physiology	3			
561	Principles of Drug Action, Pharmacogenomics	5			
562	Infectious Diseases I	5			
564	Infectious Diseases II	5			
552	Population Health	3			
Total: 27			Total: 26		