

MCW Master of Public Health Sample Plan 4+1, BCH 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
ENG 101	Writing and Rhetoric	3	BIO 201	Principles of Biology 1	4
COL 101	Introduction to College Exp.	1	COM 101	Introduction to Comm.	3
MAT 221	Calculus 1	4	XXX	Foreign Language/ Gen Ed	3
THE ___	Introductory Theology	3			
Total: 16			Total: 15		

Second Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 202	Principles of Biology 2	4	PHY 201	Physics 1	5
CHE 221	Organic Chemistry 1	3	CHE 222	Organic Chemistry 2	3
CHE 210	Quantitative Analysis	3	CHE 228	Organic Chemistry Lab 1	1
HIS ___	History	3	XXX	Fine Arts Gen Ed	3
THE ___	Biblical Theology	3	LAS 101	Liberal Arts Seminar	2
Total: 16			Total: 14		

Third Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 360	Genetics	4	BIO 433*	Molecular Biology	4
BCH 350	Biochemistry 1	3	BIO 331	Cell Biology	4
BIO 380	Ecology	4	PED 100	Health & Wellness Gen Ed	1
<i>BIO 345</i>	<i>Microbial Pathogenesis</i>	3	ENG ___	English literature	3
THE ___	Applied Theology	3	XXX	Social Science Gen Ed	3
Total: 17			Total: 16		

Fourth Year					
Fall			Spring		
Course		Credits	Course		Credits
BIO 401	Research Strategies	2	BIO 402	Research Strategies 2	3
<i>BIO 354</i>	<i>Immunology</i>	3	BCH 351*	Biochemistry 2	3
XXX	Foreign Language/Elective	3	BCH 358*	Biochemistry Lab	1
LAS 401/402	Liberal Arts Capstone	1	CHE 310	Instrumental Analysis	4
MCW	Introduction to Precision Medicine	3	THE ___	Systematic Theology	3
MCW	Med. Genetics, Undiagnosed, and Rare Diseases	3	MCW	Pharmacogenomics for Precision Medicine	3
Total: 16			Total: 17		

- Courses used to fulfill prerequisites for admission to the MCW MSPM program are **in red**.
 - *BIO 433 can trade places with BCH 351/358 and be taken as a co-requisite during a student's 4th year depending on course rotation
 - MCW recommended courses are *italicized*
- MCW online MSPM courses are **in purple**.
 - 12+ WLC credits are taken in the dual-enrollment year so that students can maintain full-time status for financial aid and housing purposes.
- Courses fulfilling requirements for a major in Biochemistry are **bolded**.
 - Some **bolded** courses are electives or represent one of multiple options. Check the Academic Catalog for details on major requirements.