

## MCW Master of Public Health Sample Plan 4+1, 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>
COL 101	Introduction to College Exp.	1	COM 101	Introduction to Comm.	3
MAT ____	Quantitative Reasoning	4	XXX	Foreign Language/ Gen Ed	3
THE ____	Introductory Theology	3			
Total: 16			Total: 15		

Second Year					
Fall			Spring		
Course		Credits	Course		Credits
<b>BIO 201</b>	<b>Principles of Biology 1</b>	<b>4</b>	<b>PHY 151</b>	<b>General Physics 1</b>	<b>4</b>
<b>CHE 221</b>	<b>Organic Chemistry 1</b>	<b>3</b>	<b>BIO 341</b>	<b>General Microbiology</b>	<b>4</b>
HIS ____	History	3	XXX	Fine Arts Gen Ed	3
THE ____	Biblical Theology	3	XXX	Foreign Language/Gen Ed	3
XXX	Elective or Gen Ed	3	LAS 101	Liberal Arts Seminar	2
Total: 16			Total: 16		

Third Year					
Fall			Spring		
Course		Credits	Course		Credits
<b>BIO 360</b>	<b>Genetics</b>	<b>4</b>	ENG ____	English literature	3
<b>DSC 311</b>	<b>Applied Statistics</b>	<b>3</b>	PED 100	Health & Wellness Gen Ed	1
<b>BIO 380</b>	<b>Ecology</b>	<b>4</b>	<b>BIO 433*</b>	<b>Molecular Biology</b>	<b>4</b>
THE ____	Applied Theology	3	XXX	Elective	3
<b>BIO 345</b>	<b>Microbial Pathogenesis</b>	<b>3</b>	XXX	Social Science Gen Ed	3
Total: 14			Total: 16		

Fourth Year					
Fall			Spring		
Course		Credits	Course		Credits
<b>BIO 401</b>	<b>Research Strategies</b>	<b>2</b>	<b>BIO 402</b>	<b>Research Strategies 2</b>	<b>3</b>
<b>BIO 354</b>	<b>Immunology</b>	<b>3</b>	<b>BIO 331</b>	<b>Cell Biology</b>	<b>4</b>
XXX	Elective or Gen Ed	3	THE ____	Systematic Theology	3
LAS 401/402	Liberal Arts Capstone	1	XXX	Elective or Gen Ed	3
MCW	Introduction to Precision Medicine	3	MCW	Pharmacogenomics for Precision Medicine	3
MCW	Med. Genetics, Undiagnosed, and Rare Diseases	3			
Total: 16			Total: 16		

- Courses used to fulfill prerequisites for admission to the MCW MSPM program are **in red**.
  - \*BIO 433 can 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 Biology are **bolded**.
  - Some **bolded** courses are electives or represent one of multiple options. Check the Academic Catalog for details on major requirements.