

CWRU Biochemistry MS Program Recommended Electives

Course		Credits
BIOC 410	Microbial Physiology and Therapeutic Opportunities	3
BIOC 411	Antimicrobial Therapies and Resistance	3
BIOC 412	Proteins and Enzymes	3
BIOC 415	Biological Membranes and Their Proteins	3
BIOC 434	Structural Biology	3
BIOC 444	Molecular Endocrinology	3
BIOC 445	Metabolic Dysregulation and Human Disease	3
BIOC 450	Molecular Basis of Cancer	3
BIOC 453	Biochemical Pathways in Cancer Therapeutics	3
BIOC 460	Advanced Technologies for Cancer Research	3

BIOC 500 Biotechnology Laboratory: Molecular Biology Basics hnology Laboratory: Eukaryotic

	r and Cellular Biology	2
BIOC 502C	Biotechnology Laboratory: Mass Spectrometry Techniques	1
BIOC 511	Practice and Professionalism in Biotechnology	1

PATH 416 FundamPHOL 401B ogPhysiol

	d Biophysics of Molecules and Cells	2
PHRM 409	Principles of Pharmacology	3
PQHS 431	Statistical Methods I	3