

BS / MS Worksheet

20__

MCDB

BS /MS

SID _____

Research Lab Mentor: _____

Student Name: _____

MCDB Faculty Advisor: _____

BIOL Prerequisites:		Placement Exam Score	Course #	Semester	Grade	Place Out
BIOL 101	Biochemistry and Biophysics					
BIOL 102	Prin of Cell Biology & Membrane Phys					
BIOL 103	Genes and Development					
BIOL 104	Prin of Ecology & Evolutionary Biology					
GEN CHEM Prerequisites:			Course #	Semester	Grade	Place Out
General Chemistry (2 terms - 161/165; or 163/167; or its equivalent)						
General Chemistry Labs (2 terms - 134L/136L)						
ORG CHEM Prerequisites:			Course #	Semester	Grade	
Organic Chemistry (1 term - 174a; or 175b; or 220a)						
Organic Chemistry Lab (1 term 222L; or 223L; or 226L)						
(Completion of the Freshman Organic Chemistry Sequence 174/175 and 222L/223L satisfies all of the Chemistry prerequisites for the MCDB Major)						
PHYSICS Prerequisites:			Course #	Semester	Grade	Place Out
Physics (2 terms - 170/171; or 180/181; or 200/201; or 260/261)						
MATH Prerequisites:			Course #	Semester	Grade	Place Out
Math 115 or higher (1 term - not including Math 190)						
CORE COURSES: (Choose any 3)			Course #	Semester	Grade	
MCDB 200b	Molecular Biology	MCDB 290b	Microbiology			
MCDB 202a	Genetics	MCDB 310a	Physiological Systems			
MCDB 205b	Cell Biology	MCDB 320a	Neurobiology			
MCDB 210a	Developmental Biology	MCDB 430a	Biology of the Immune System			
EITHER: MCDB 300b Biochemistry OR: MB&B 300a Principles of Biochemistry I						
ELECTIVES:			Course #	Semester	Grade	
Graduate Level Electives (one must be a seminar course)						Grad 1
						Grad 2
						Grad 3
						Grad 4 (Seminar)
LABS:			Course #	Semester	Grade	
(Choose 2 labs from MCDB)						
Senior Requirement:			Course #	Semester	Grade	
MCDB 585b	Research in MCDB for BS/MS Candidates (Spring of Junior year)					Grad 5
MCDB 595a	Intensive Research in MCDB for BS/MS Candidates					Grad 6
MCDB 595b	Intensive Research in MCDB for BS/MS Candidates					Grad 7
6 Courses outside the Major must be taken in the last 2 years (includes 2 Undergraduate courses in the last 2 terms)			Course #	Semester	Grade	
Thesis Mentor:						Non Major 1
Committee Member (MCDB)						Non Major 2
Committee Member (MCDB)						Non Major 3
Committee Member						Non Major 4
						Non Major 5 "U"
						Non Major 6 "U"