

# BS / MS Worksheet

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MCDB

BS/MS

SID

Research Lab Mentor:

Student Name:

MCDB Faculty Advisor:

Prerequisites:		Placement Exam Score	Course #	Semester	Grade	Credits	Gr Pt	Cr Ct	# Comp
BIOL 101	Biochemistry and Biophysics		BIOL 101						
BIOL 102	Principles of Cell Biology &		BIOL 102						
BIOL 103	Genes and Development		BIOL 103						
BIOL 104	Principles of Ecology &		BIOL 104						
General Chemistry (2 terms -161/165; or 163/167; or its equivalent)			Course #	Semester	Grade				
General Chemistry Labs (2 terms - 134L/136L)									
Organic Chemistry (1 term - 174a; or 175b; or 220a)			Course #	Semester	Grade				
Organic Chemistry Lab (1 term - 222L; or 223L; or 226L)									
(Completion of the Freshman Organic Chemistry sequence 174/175 and									
Physics (170/171; or180/181; or 200/201; or 260/261)			Course #	Semester	Grade				
2 terms									
1 term of Math 115 or higher (not including Math 190)			Course #	Semester	Grade				
<b>Core Courses: (Choose any 3)</b>			Course #	Semester	Grade				
MCDB 200	Molecular Biok	MCDB 290	Microbiology			1.00		19.00	0
MCDB 202	Genetics					1.00			
MCDB 205	Cell Biology					1.00			
MCDB 210	Developmental Biology								
EITHER: MCDB 300 Biochemistry OR: MB&B 300 Principles of Biochemistry I						3.0 Credits		# Cr	
								40.00	
<b>4 Graduate Level Electives (one must be a seminar course)</b>			Course #	Semester	Grade				
Need Total of 8 Graduate Course credits (includes Senior Requirement Credits)						Grad 1	1.00		
(includes MCDB Major & Non Major Graduate Courses)						Grad 2	1.00		
						Grad 3	1.00		
						Grad 4	1.00	Maj GPA	
								#DIV/0!	
						Convert to Grad			
						4.0 Credits			
<b>Laboratories: (Choose 2 labs from MCDB)</b>			Course #	Semester	Grade				
							0.50		
							0.50		
						1.0 Credit			
<b>Senior Requirement:</b>			Course #	Semester	Grade				
MCDB 585b	Research in MCDB for BS/MS Candidates (Spring of Junior year)		MCDB 585			Grad 5	2.00		
MCDB 595a	Intensive Research in MCDB for BS/MS Candidates		MCDB 595			Grad 6	2.00		
MCDB 596b	Intensive Research in MCDB for BS/MS Candidates		MCDB 596			Grad 7	2.00		
						6.0 Credits			
<b>6 Courses outside the Major must be taken in the last 2 years &amp; (includes)</b>			Course #	Semester	Grade				
<b>2 Undergraduate courses in the last 2 terms</b>						Non Major 1	1.00	Distinction	NO
Thesis Mentor:						Non Major 2	1.00	0	# A
Committee Member (MCDB)						Non Major 3	1.00	0	# A-
Committee Member (MCDB)						Non Major 4	1.00	0	Total
Committee Member						Non Major 5 "U"	1.00		
Committee Member						Non Major 6 "U"	1.00	75% Needed	
							20.00	14.25	