



Student Name and ID Number \_\_\_\_\_

Required Engineering Course (Select one course, 3 credits)	Credits
CM 2110 Fund of Chem Engg I (3) <i>Prereqs: CH1112 or (CH1150 and CH1151)</i>	
CM 2200 Intro to Minerals and Materials (3) <i>Prereqs: none</i>	
CEE 3501 Env Engg Fundamentals (3) <i>Prereqs: MA2160 and CH1112 or (CH1150 and CH1151)</i>	
CEE 3503 Environmental Engineering (3) <i>Prereqs: MA2160 and CH1112 or (CH1150 and CH1151)</i>	

Required Biochemistry Course (Select one course, 3 credits)	Credits
BL 2100 Principles of Biochemistry (3) <i>Prereqs: BL1020 or BL1040 or (BE2400 and CH1112 or (CH1150 and CH1151))</i>	
CH 4710 Biomolecular Chemistry I (3) <i>Prereqs: CH2420</i>	

Required Applied Biochemistry Courses (Select 3 or more courses)	Credits
CM 4710 Biochemical Processes (3) <i>Prereqs: CM3110(C)</i>	
BL 4120 Environmental Remediation and Toxicology (3) <i>Prereqs: BL1020 or BL1040</i>	
BL 4220 Applied and Industrial Microbiology (3) <i>Prereqs: BL 3210 or BL3310</i>	

Elective Courses (Select remaining credits from course list below, 3 - 9 Credits)	Credits
BL 3210 General Microbiology (4) <i>Prereqs: (BL1020 or BL1040) and (BL2100 or CH4710)</i> or BL 3310 Environmental Micorbiology (3) <i>Prereqs: BL1040 or BL3070 or BL3080</i>	
BL 4000 Research in Biology (1-6) <i>Prereqs: none</i>	
BL 4010 Biochemistry I (3) <i>Prereqs: (BL1020 or BL1040 or BL2010) and BL2100 and (CH2410 or CH2420)</i>	
BL 4020 Biochemistry II (3) <i>Prereq: BL4010</i>	
BL 4820 Biochem Lab Techniques I (2) <i>Prereqs: BL4010(C) or CH4710(C)</i>	
CH 4110 Pharmaceutical Chemistry: Drug Action (3) <i>Prerqs: BL4010 or CH4710</i>	
CH 4120 Pharmaceutical Chemistry: Drug Design (3) <i>Prereqs: CH 2420</i>	
CH 4140 Pharmaceutical Analysis (3) <i>Prereqs: CH2410</i>	
CH 4720 Biomolecular Chemistry II (3) <i>Prereqs: BL4010 or CH4710</i>	
CM 4040 UG Research in Bioengineering (1-6) <i>Prereqs: none</i>	
CM 4080 UG Research in Biofuels (1-6) <i>Prereqs: none</i>	
CM 4125 Bioprocess Engineering Lab (1) <i>Prereqs: CM4710(C) or BL3210 or BL3310</i>	
CM 4770 Analytical Microdevice Technologies (3) <i>Prereqs: PH2200</i>	
CM 4780 Biomanufacturing and Biosafety (3) <i>Prerqs: BL2100 or CH4710 or CM4040 or CM4080 or CM4710 or (CM3110(C) and BL1040)</i>	
<b>Total Credits Required = 18</b>	

Student Signature

Date

Academic Advisor Signature

Date