



Student Name and ID Number _____

| Required Engineering Course (Select one course, 3 credits) | Credits |
|---|---------|
| CM 2110 Fund of Chem Engg I (3) <i>Prereqs: CH 1112 or (CH 1150 and CH 1151)</i> | |
| CM 2200 Intro to Minerals and Materials (3) <i>Prereqs: none</i> | |
| CEE 3501 Env Engg Fundamentals (3) <i>Prereqs: MA 2160 and CH 1112 or (CH 1150 and CH 1151)</i> | |
| CEE 3503 Environmental Engineering (3) <i>Prereqs: MA 2160 and CH 1112 or (CH 1150 and CH 1151)</i> | |

| Required Biochemistry Course (Select one course, 3 credits) | Credits |
|--|---------|
| BL 2100 Principles of Biochemistry (3) <i>Prereqs: (BL 1020 or BL 1040 or BE 2400) and CH 1112 or (CH 1150 and CH 1151))</i> | |
| CH 4710 Biomolecular Chemistry I (3) <i>Prereqs: CH 2420</i> | |

| Required Applied Biochemistry Courses (Select 3 or more credits) | Credits |
|---|---------|
| BL 4070 Environmental Toxicology (3) <i>Prereqs: (BL 1020 or BL 1040) and CH 1150 and CH 1160</i> | |
| BL 4120 Environmental Remediation (3) <i>Prereqs: BL 1020 or BL 1040</i> | |
| CM 4710 Biochemical Processes (3) <i>Prereqs: BL 2100 or CH 2410 or CM 2120</i> | |

| Elective Courses (Select remaining credits from course list below, 3 - 9 Credits) | Credits |
|---|---------|
| BL 3210 General Microbiology (4) <i>Prereqs: (BL 1020 or BL 1040) and (BL 2100 or CH 4710)</i> or BL 3310 Environmental Micorbiology (3) <i>Prereqs: BL 1020 or BL 1040 or BL 3080</i> | |
| BL 4000 Research in Biology (1-6) <i>Instructor Permission Required</i> | |
| BL 4010 Biochemistry I (3) <i>Prereqs: (BL 1020 or BL 1040 or BL 2010) and BL 2100 and (CH 2410 or CH 2420)</i> | |
| BL 4020 Biochemistry II (3) <i>Prereqs: BL 4010</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: CH 2410</i> | |
| CH 4720 Biomolecular Chemistry II (3) <i>Prereqs: BL 4010 or CH 4710</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: CM 4710(C) or BL 3210 or BL 3310</i> | |
| CM 4770 Analytical Microdevice Technologies (3) <i>Prereqs: PH 2200</i> | |
| CM 4780 Biomanufacturing and Biosafety (3) <i>Prereqs: BL 2100 or CH 4710 or CM 4040 or CM 4080 or CM 4710 or (CM 3110(C) and BL 1040)</i> | |
| ENT XXXX Enterprise Project Work (1-3) <i>Topic must be approved by minor academic advisor</i> | |
| Total Credits Required = 18 | |

Student Signature _____ Date _____ Academic Advisor Signature _____ Date _____

*Topic must be approved by academic advisor