

STUDENT NAME: \_\_\_\_\_ EXP GRAD DATE: \_\_\_\_\_

## Chemical and Biomolecular Engineering (CBE)

E-MAIL Ad: \_\_\_\_\_

Course Planning Guide 41 CU TOTAL

<p><b>1. MATH (4 CU)</b></p> <input type="checkbox"/> MATH 104 <input type="checkbox"/> MATH 114 <input type="checkbox"/> MATH 240 <input type="checkbox"/> MATH 241	<p><b>3. ENGINEERING (14 CU)</b></p> <input type="checkbox"/> CBE 160 <input type="checkbox"/> CBE 230 <input type="checkbox"/> CBE 231 <input type="checkbox"/> CBE 350 <input type="checkbox"/> CBE 351 <input type="checkbox"/> CBE 353 <input type="checkbox"/> CBE 371 <input type="checkbox"/> CBE 400 <input type="checkbox"/> CBE 410 <input type="checkbox"/> CBE 451 <input type="checkbox"/> CBE 459 <input type="checkbox"/> CBE 460 <input type="checkbox"/> CBE _____ <sup>1e</sup> <input type="checkbox"/> Non CBE _____ <sup>2e</sup>	<p><b>4. ENG COMP ELEC (1 CU)*</b></p> <input type="checkbox"/> _____ <p style="text-align: center;"><i>Choose One:</i> CIS 110 CIS 120 MEAM 105</p> <div style="border: 1px solid black; padding: 2px; font-size: small;">             *Students who elect the Phys 150/151 substitution are exempt from this         </div> <p><b>5. TECH ELEC (4 CU)</b></p> <input type="checkbox"/> _____ <sup>1b</sup> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <p style="text-align: center;"><i>Choose One:</i> CBE 480<sup>1t</sup> CHEM 223 CHEM 245</p> <input type="checkbox"/> _____ <div style="border: 1px solid black; padding: 2px; font-size: small;"> <b>NOTE:</b>              1b. May elect to defer the technical elective in favor of the Engineering Computer Elective or begin the Physics sequence.              1t. Requires prerequisite - CBE 479         </div>	<p><b>6. SSH (7 CU)</b></p> <input type="checkbox"/> SS _____ <input type="checkbox"/> SS _____ <input type="checkbox"/> H _____ <input type="checkbox"/> H _____ <input type="checkbox"/> SS or H _____ <input type="checkbox"/> SS or H _____ <input type="checkbox"/> SS or H _____
<p><b>2. NATURAL SCIENCE (8 CU)</b></p> <input type="checkbox"/> CHEM 101 <sup>1ns</sup> <input type="checkbox"/> CHEM 053 <input type="checkbox"/> CHEM 102 <input type="checkbox"/> CHEM 054 <input type="checkbox"/> PHYS 140 <sup>2ns</sup> <input type="checkbox"/> PHYS 141 <sup>2ns</sup> <input type="checkbox"/> CHEM 221 <input type="checkbox"/> CHEM 241 <input type="checkbox"/> CHEM 242 or CHEM 251 <p><b>NOTE:</b>              1ns. CHEM 001 also acceptable.               2ns. It remains the student's option to substitute Phys 150/151 for Phys 140/141, thus increasing the course units in Natural Science from 8 CUs to 9 CUs. Exercising this option eliminates the Engineering Computer requirement in category 4. See * under category 4.</p>	<p><b>NOTES:</b>              1e. Must be upper level CBE course, 300 or higher, or ENM 510, 511              2e. At least one engineering course must be taken in an engineering department other than Chemical and Biomolecular Engineering, e.g., a course from MEAM or MSE or ESE etc.</p>	<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; font-size: small;">Depth (from SSH)</p> <p style="text-align: center; font-size: small;">Writing Req (from SSH)</p> </div>	<p><b>7. FREE ELEC (3 CU)</b></p> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

### SEMESTER PLANNING

TERM	MATH & NAT SCI	ENGINEERING	COMP ELEC & TECH ELEC	SSH & FREE ELEC'S
Fall Yr _____				
Spring Yr _____				
Summer Yr _____				
Fall Yr _____				
Spring Yr _____				
Summer Yr _____				
Fall Yr _____				
Spring Yr _____				
Summer Yr _____				
Fall Yr _____				
Spring Yr _____				

FACULTY ADVISOR'S NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ date: \_\_\_\_\_

UG CHAIR NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ date: \_\_\_\_\_

Chemical and Biomolecular Engineering

for students entering 2005 or later