

# Chemical and Biomolecular Engineering Four Year Academic Plan

Name: \_\_\_\_\_

UID: \_\_\_\_\_

Year 1	Fall		
Gateway requirements include: ENGL 101, CHEM 135, MATH 141, PHYS 161 and an approved Distributive Studies course. (Directly admitted freshman must successfully complete these courses and ENES 100 by 45 UM credits.)	Course	Credit	Grade
	ENES100 (SP)	3	
	MATH 140 (AR)	4	
	CHEM 135	3	
	CHEM 136	1	
	Humanities (HU)*	3	
	<b>Total</b>	<b>14</b>	

Spring		
Course	Credit	Grade
CHBE 101	3	
MATH 141	4	
PHYS 161 (NS)	3	
ENGL 101 (AW)	3	
BIOE 120	3	
<b>Total</b>	<b>16</b>	

Year 2	Fall		
	Course	Credit	Grade
	MATH 241	4	
	CHEM 231	3	
	CHEM 232	1	
	PHYS 260 and PHYS 261 (NL)	3 & 1	
	CHBE 250	3	
	CHBE 301	3	
	<b>Total</b>	<b>18</b>	

Spring		
Course	Credit	Grade
MATH 246	3	
PHYS 270 and PHYS 271	3 & 1	
CHEM 241	3	
CHEM 242	1	
ORAL COMM (OC)	3	
CHBE 302	3	
<b>Total</b>	<b>17</b>	

Year 3	Fall		
	Course	Credit	Grade
	CHBE 410	3	
	CHBE 422	3	
	CHBE 440	3	
	CHEM 272	2	
	ENGL 393 (PW)	3	
	Scholarship in Practice (SP)*	3	
	<b>Total</b>	<b>17</b>	

Spring		
Course	Credit	Grade
BCHM 461 or 463	3	
ENMA 300, 425, or BIOE 453	3	
CHBE 424	3	
CHBE 426	3	
CHBE 333	1	
Humanities (HU)*	3	
<b>Total</b>	<b>16</b>	

Year 4	Fall		
	Course	Credit	Grade
	CHBE 437	3	
	CHBE 442	3	
	CHBE 444	3	
	Tech Elective (see advisor)	3	
	Hist & Social Sciences (HS)*	3	
	<b>Total</b>	<b>15</b>	

Spring		
Course	Credit	Grade
CHBE 446	3	
Tech Elective (see advisor)	3	
Tech Elective (see advisor)	3	
Hist & Social Sciences (HS)*	3	
<b>Total</b>	<b>12</b>	

\*All students must complete two Distributive Studies courses that are approved for I-series courses. The Understanding Plural Societies (UP) and Cultural Competence (CC) courses may also fulfill Distributive Studies categories.

