

Chemical & Biomolecular Engineering Student entering ChBE 200 AU quarter of Year 2  
2005-2006

Name: \_\_\_\_\_ SSN: \_\_\_\_\_ Phone: \_\_\_\_\_

New to OSU: \_\_\_\_\_ email: \_\_\_\_\_@osu.edu

YEAR	AUTUMN	WINTER	SPRING
1	Math 151 (Calc & Analyc Geom) .....5____ Chem. 121 (Gen Chem.) .....5____ Engr 181 (Intro to Engr I).....3____ Engr 100 (Engr Survery) .....1____	Math 152(Calc & Analyc Geom)..... 5____ Chem. 122 (Gen Chem)..... 5____ Engr 183 (Intro to Engr II)..... 3____	Math 153 (Calc & Analyc Geom)..... 5____ Chem. 123 (Gen Chem) ..... 5____ En Graph 167 or (Prob Slv Prog Engr) CS&E 202 (Prog & Algtms for Engrs)4____
2	Chem. 251 (Chem for Engrs).....3____ ChBE 200 (Pracs Calc 1) .....3____ Math 254 (Calc & Analyc Geom) .....5____ Physics 131 (Partcls & Motion) .....5____	Chem. 252 (Organic Chem) ..... 3____ ChBE 201 (Procs Calcs 2) ..... 3____ Math 415 (Ord& Part Diff Equ)..... 4____ Physics 132 (Electrcy & Magntsm). 5____	Chem. 253 <sup>††</sup> (Organic Chem)..... 3____ ChBE 420 (Transpt Phn I..... 4____ Physics 133 (Elctrdynmc & Quant) . 5____ Chem 254 (Organic Chem Lab) ..... 3____
3	<b>Chem. 530</b> (Physical Chem).....3____ Chem. 541 (Physical Chem Lab) ....3____ ChBE 508 (Thermo I) .....3____ ChBE 521 (Transp Phn II) .....3____	<b>Chem. 531</b> (Physical Chem) ..... 3____ ChBE 509 (Thermo II) ..... 3____ ChBE 522 (Transp Phn III) ..... 3____	<b>Chem. 532<sup>††</sup></b> (Physical Chem) ..... 3____ <b>ChBE 610</b> (ChE Kinetics) ..... 4____ <b>ChBE 523</b> (Unit Operations)..... 4____ <b>ChBE 750</b> (Profs ChE) ..... 1____
SU*	<b>ChBE 630</b> (ChE Operations Lab).....6____		
4	<b>ChBE 624</b> (Procs Dyn & Ctrl) .....4____ <b>ChBE 760</b> (Econ & Strat).....4____	<b>ChBE 764</b> (Procs Dsgn) ..... 4____ ME 410 (Statics)..... 4____ or ECE 300 (Electrical Circuits) .... 3____	<b>ChBE 762</b> (Procs Dsgn) ..... 4____

Courses printed in **BOLD** are taught one quarter per year.  
Please check On-Line Course Offerings for availability of other courses.

GENERAL EDUCATION (38 hrs)	TECHNICAL ELECTIVES (18 hrs)	Sub-total Core.....145/144
English & Communication Skills (10)	ChBE xxx ( 3 ) _____	General Education.....38
English 110 ( 5 ) _____	ChBE xxx ( 3 ) _____	Technical Electives.....18
2 <sup>nd</sup> Writing Course ( 5 ) _____		
Writing in core ( ) _____	Additional math requirement**	TOTAL HOURS .....201/200
	( ) _____	
	( ) _____	
Social Sciences (9)	( ) _____	** Technical electives <b>MUST</b> include one
( ) _____	( ) _____	of the following courses:
( ) _____	( ) _____	CIS 541 (3), Math 512 (3), Math 513 (3),
	( ) _____	Math 514 (3), Math 530 (3),
Historical Survey (10)	( ) _____	Math 568 (3), Math 571 (3), Stats 520 (5)
( ) _____	( ) _____	
( ) _____		††OPTIONAL SUBSTITUTIONS
Arts & Humanities (9)	SOCIAL DIVERSITY	Biochemistry 511 may replace Chem 253
a. Literature (1 course)	(May overlap with another GEC Category)	(extra two hours count as technical
( ) _____	( ) _____	elective credit)
		Molecular Genetics 500 may replace
		Chem 532
b. Visual/Performing Arts or other		
Humanities (1 course)		
( ) _____		

Acceptance into the Chemical Engineering major will depend on the cumulative point-hour ratio (CPHR) and the secondary point-hour ratio (SPHR) upon completion of the following pre-major courses: *Chemistry 121, 122, 123; Math 151, 152, & 153*. A minimum SPHR of 2.0 is required. Students with CPHR of 3.0 are assured of acceptance. Formal application is required. Students are accepted into the major Autumn and Winter quarters with the applications due the prior quarter. See department advisor (KL 314) for details.

\*Students who co-op or intern during the summer after year 3 may take ChBE 630 the summer after year 4.

Rev 02/08/06