

Name: _____ New to OSU: _____ email: _____@osu.edu

YEAR	AUTUMN	WINTER	SPRING
1	Math 151.0X (Calc & Analyc Geom)5____ Chem. 121 (Gen Chem.)5____ Engr 181.01 (Intro to Engr I)3____ Engr 100.03 (Engr Survery)1____	Math 152.0X(Calc & Analyc Geom) 5____ Chem. 122 (Gen Chem) 5____ Engr 183.02† (Intro to Engr II) or Engr. 183.01 (Intro to Engr. II) 3____	Math 153.0X (Calc & Analyc Geom)5____ Chem. 123 (Gen Chem) 5____ CS&E 202 or CS&E 214, En Graph 167 (Programming Req't)4____
2	Chem. 251 (Organic Chemistry)4____ ChBE 200 (Pracs Calc 1)3____ Math 254.0X (Calc & Analyc Geom)5____ Physics 131 (Partcls & Motion).....5____	Chem. 252 (Organic Chem) 4____ ChBE 201 (Procs Calcs 2) 3____ Math 415.0X (Ord& Part Diff Equ).. 4____ Physics 132 (Electrcy & Magnetsm) 5____	Chem. 253 ^{††} (Organic Chem)..... 4____ ChBE 420 (Transpt Phn I 4____ Physics 133 (Elctrdynmc & Quant). 5____ Chem 254 (Organic Chem Lab) 3____
3	Chem. 530 (Physical Chem)3____ ChBE 508 (Thermo I)3____ ChBE 521 (Transp Phn II).....3____	Chem. 531 (Physical Chem) 3____ ChBE 509 (Thermo II) 3____ ChBE 522 (Transp Phn III) 3____ Chem. 541 (Physical Chem Lab).... 3____	Chem. 532^{††} (Physical Chem) 3____ ChBE 610 (ChE Kinetics) 4____ ChBE 523 (Unit Operations)..... 4____ ChBE 750 (Profs ChE) 1____
SU	ChBE 630 (ChE Operations Lab).....6____		
4	ChBE 624 (Procs Dyn & Ctrl)4____ ChBE 760 (Econ & Strat)4____	ChBE 764 (Procs Dsgn)..... 4____ ME 410 (Statics)..... 4____ or ECE 300 (Electrical Circuits) 3____	ChBE 762 (Procs Dsgn) 4____

† Preferred

Courses printed in BOLD are taught one quarter per year.

Please check On-Line Course Offerings for availability of other courses.

GENERAL EDUCATION (35 hrs)	TECHNICAL ELECTIVES (18 hrs)	Sub-total Core.....148/149
English & Communication Skills (10)	<u>ChBE xxx</u> (3) _____	General Education.....35
<u>English 110.0X</u> (5) _____	<u>ChBE xxx</u> (3) _____	Technical Electives18
<u>2nd Writing Course</u> (5) _____	Additional math requirement**	TOTAL HOURS201/202
<u>Writing in core</u> () _____	_____ () _____	

Students must take 25 hours across Social Sciences, Historical Study, and Arts & Humanities with a minimum of 5 hours and maximum of 10 hours per category.

Historical Study (5-10)
 _____ () _____
 _____ () _____

Arts & Humanities (5-10)
 _____ () _____
 _____ () _____

Social Sciences (5-10)
 _____ () _____
 _____ () _____

ETHICS (5 Hours)
 (May overlap w/ a GEC category)
 _____ () _____

SOCIAL DIVERSITY
 (May overlap w/ a GEC category)
 _____ () _____

** Technical electives **MUST** include one of the following courses: CIS 541, Math 366, Math 512, Math 513, Math 514, Math 530 Math 551, Math 568, Math 571, Stat 427, Stat 420

††OPTIONAL SUBSTITUTIONS
 Biochemistry 511 may replace Chem 253
 Mol Gen 500 may replace Chem. 532
 (extra hours count as technical elective credit)

For full list of technical elective courses, visit <http://www.chbmeng.ohio-state.edu> and look to the "Academics" section for current students.

Acceptance into the Chemical Engineering major is limited to 100 students per year and will depend on the cumulative point-hour ratio (CPHR) upon completion of the following pre-major courses: *Chemistry 121,122,123; Math 151.0X,152.0X, & 153.0X*. Students with CPHR of 3.0 are assured of acceptance. **Formal application is required to take ChBE 200.** Students are accepted into the major Autumn and Winter quarters with the applications due in Spring for Autumn and Autumn for Winter. Visit http://www.chbmeng.ohio-state.edu/undergrad/cs_application.html or contact ChBE Academic Advisors, Brian Endres (endres.10@osu.edu) or Holly Prouty (prouty.18@osu.edu), for more information.