

CHEMICAL ENGINEERING

2000-2002 CATALOG

*catalog valid until August 2008

Suggested Arrangement of Courses for Eight Semester Program 128 credit hours

First Year

<u>Fall Semester</u>	<u>Semester Hours</u>	<u>Spring Semester</u>	<u>Semester Hours</u>
CH 302, <i>Principles of Chemistry II</i>	3	CH 204, <i>Introduction to Chemical Practice</i>	2
CHE 102, <i>Introduction to Chemical Engineering*</i>	1	M 408D, <i>Sequences, Series, and Multivariable Calculus</i>	4
M 408C, <i>Differential and Integral Calculus</i>	4	PHY 303K, <i>Engineering Physics I</i>	3
^M E 210, <i>Engineering Design Graphics</i>	2	PHY 103M, <i>Laboratory for Physics 303K</i>	1
RHE 306, <i>Rhetoric and Composition</i>	3	American Government ¹	3
Fine Arts/Humanities Elective ¹	3	Social Science Elective ¹	3
TOTAL	15 or 16*	TOTAL	16

*CHE 102 is not a degree requirement. Students who do not take this course will take 15 hours of coursework.

Second Year

<u>Fall Semester</u>	<u>Semester Hours</u>	<u>Spring Semester</u>	<u>Semester Hours</u>
^CH 618A, <i>Organic Chemistry</i>	3	^CH 618B, <i>Organic Chemistry</i>	3
CH 118K, <i>Organic Chemistry Laboratory</i>	1	CH 118L, <i>Organic Chemistry Laboratory</i>	1
CHE 317, <i>Intro to Chemical Engineering Analysis</i>	3	CH 353, <i>Physical Chemistry</i>	3
M 427K, <i>Advanced Calculus for Applications 1</i>	4	^CHE 448, <i>Computer Applications in Chemical Engineering</i>	4
PHY 303L, <i>Engineering Physics II</i>	3	CHE 353, <i>Transport Phenomena</i>	3
PHY 103N, <i>Laboratory for Physics 303L</i>	1	E 316K, <i>Masterworks of Literature</i>	3
TOTAL	15	TOTAL	17

Third Year

<u>Fall Semester</u>	<u>Semester Hours</u>	<u>Spring Semester</u>	<u>Semester Hours</u>
CH 153K, <i>Physical Chemistry Laboratory</i>	1	^CHE 353M, <i>Measurement, Control & Data Analysis Lab</i>	3
CHE 322, <i>Thermodynamics</i>	3	CHE 363, <i>Unit Operations II: Separation Processes</i>	3
CHE 333T, <i>Engineering Communication</i>	3	American History ¹	3
CHE 354, <i>Unit Operations I: Transport Processes</i>	3	Chemistry Elective ¹	4
^E E 331, <i>Electrical Circuits, Electronics, & Machinery</i> , or	3	Approved Technical Area Course ¹	3
E E 331K, <i>Electric Circuits & Electronics</i>		TOTAL	16
^E M 314, <i>Mechanics</i> , or E M 306, <i>Statics</i>	3		
TOTAL	16		

Fourth Year

<u>Fall Semester</u>	<u>Semester Hours</u>	<u>Spring Semester</u>	<u>Semester Hours</u>
CHE 264, <i>Chemical Engineering Process & Projects Lab</i>	2	CHE 360, <i>Process Control</i>	3
CHE 350, <i>Chemical Engineering Materials</i>	3	CHE 473K, <i>Process Design and Operations</i>	4
CHE 372, <i>Chemical Reactor Analysis and Design</i>	3	American History ¹	3
Approved Chemical Engineering Area Course ¹	3	Approved Chemical Engineering Area Course ¹	3
American Government ¹	3	Approved Technical Area Course ¹	3
Approved Advanced Math, Physics, Chemistry or	3	TOTAL	16
Biology Elective ¹			
TOTAL	17		

¹ Check with the Undergraduate Office (CPE 2.706) or online (www.che.utexas.edu) for a list of approved courses.

^IMPORTANT: READ THE BACK OF THIS PAGE!!!!

UPDATES TO 2000-2002 CATALOG

Even though a student may graduate under a previous catalog (ie current catalog is 2004-2006, but a student is following the 2000-2002 catalog) changes in the current catalog may affect which courses a student takes.

Below is a list of changes found in more recent catalogs.

M E 210 is no longer part of the degree plan and has been replaced with CHE 210.

CH 618A is now called CH 318M.

CH 618B is now called CH 318N.

CHE 448 is no longer offered and has been replaced with CHE 348.

E M 314 and **E M 306S** are no longer offered and have been replaced with E M 306.

E E 331K is not being offered after Summer 2004. E E 331 is still a requirement for the CHE degree.

CHE 353M is no longer offered and has been replaced with a 2-semester sequence CHE 253K and CHE 253M.