

Courses required for the major, inside or outside of the Department of Chemical Engineering, cannot be taken for the passed/not passed grading option. They must be taken for **letter** grades.

TOTAL UNITS REQUIRED FOR GRADUATION 187

CHEMICAL ENGINEERING 2016-17

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
CH E 5	3	CHEM 1B or 2B	3	CHEM 1C or 2C	3
CHEM 1A or 2A	3	CHEM 1BL or 2BC	2	CHEM 1CL or 2CC	2
CHEM 1AL or 2AC	2	MATH 3B	4	ENGR 3	3
MATH 3A	4	PHYS 1	4	MATH 4A or 4 AI	4
WRIT 1E or 2E	4	WRIT 2E or 50E	4	PHYS 2	4
TOTAL	16		17		16

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
CH E 10	3	CH E 107	3	CH E 110B	3
CHEM 109A or 109AH	4	CH E 110A	3	CH E 132A	4
MATH 4B or 4BI	4	CHEM 6AL	3	CHEM 6BL	3
PHYS 3	3	CHEM 109B or 109BH	4	MATH 6B	4
PHYS 3L	1	MATH 6A or 6AI	4	G.E. Elective	4
TOTAL	15		17		18

JUNIOR YEAR

FALL	units	WINTER	units	SPRING	units
CH E 120A	4	CH E 120B	3	CH E 119	1
CH E 128	3	CH E 132C	3	CH E 120C	3
CH E 132B	3	CHEM 113B	4	CH E 140A	3
G.E. Elective	4	MATRL 101 or MATRL 100B*	3	CH E 180A	3
		Technical Elective	3	CHEM 113C	4
				Technical Elective	3
TOTAL	14		16		17

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
CH E 140B	3	CH E 180B	3	CH E 184B	3
CH E 152A	4	CH E 184A	3	G.E. Elective	8
G.E. Elective	4	G.E. Elective	4	Technical Elective	3
Technical Elective	3	Technical Elective	3		
TOTAL	14		13		14

* If applying to the BS/MS Materials program student must take:

Sophomore year- Phys 4 in Winter or Spring

Junior year- MATRL 100A in Fall, MATRL 100B in winter, MATRL 100C in Spring

^Students may only count one course toward the major. (MATRL 101 OR MATRL 100B)