

Chemical Engineering (2009-10)

Below is the *advised sequencing* of courses for this degree.

FRESHMAN YEAR				SOPHOMORE YEAR			
First Semester		Second Semester		First Semester		Second Semester	
Course	Units	Course	Units	Course	Units	Course	Units
ENGR 102	3	ECE 175	3	CHEE 201	3	CHEE 202	4
MATH 125 or 124#	3/5	MATH 129	3	CHEE 201L	1	CHEE 203	3
CHEM 151	4	CHEM 152	4	MATH 223	4	MATH 254	3
ENGL 101	3	ENGL 102	3	PHYS 141	4	PHYS 241	4
Tier 1 INDV*	3	Tier 1 INDV*	3	CHEM 241a	3	CHEM 241b	3
				CHEM 243a	1		
				Tier 1 TRAD*	3		
TOTAL	16/18	TOTAL	16	TOTAL	19	TOTAL	17

Advanced standing is required for 3/400 level courses taught by the College

JUNIOR YEAR				SENIOR YEAR			
First Semester		Second Semester		First Semester		Second Semester	
Course	Units	Course	Units	Course	Units	Course	Units
CHEE 303	3	CHEE 305	3	CHEE 304	3	CHEE 413	3
CHEE 402	3	CHEE 326	3	CHEE 420	3	CHEE 443	3
CHEE 450	3	CHEM 480b		CHEE 442	3	Engr Elect***	3
CHEM 480a		or BME 410, 411, or 416	3	Engr Elect***	3	Tech Elect****	3
Tier 1 TRAD*	3	Tech Requirement**	3	Tech Elect****	3	Tier 2 Art/Hum*	3
		Tier 2 INDV*	3				
TOTAL	15	TOTAL	15	TOTAL	15	TOTAL	15

TOTAL UNITS = 128

MATH 124 is a 5 unit version of MATH 125. Students taking MATH 124 should consider delaying the Tier 1 INDV course to maintain a reasonable academic load.

* INDVD/TRAD/Art/Hum courses must meet University general education requirements. One course must be recognized by the University as focusing on non-western culture, race, gender or ethnicity. TRAD 101 satisfies this requirement.

** To meet the tech. requirement, students must complete 3 units from CE 214 (Statics), ECE 207 (Intro to ECE), MSE 331R, or 3 units from (ENGR 211 C, E, I, M, and R). In addition, units of 3xx/4xx Engr, Math, Science, or Business.

*** To meet the engr. elective requirement, students must complete 6 units of 3xx/4xx Engr. Courses. Listings of other acceptable tech. electives are available from advisors and on the CheE web at <http://www.che.arizona.edu>.

**** To meet the tech elective requirement, students must complete 6 units of 3xx/4xx ENGR, Science, or Business courses.