

UTSA Engineering

CHEMICAL ENGINEERING

RECOMMENDED PROGRAM OF STUDY
2017-2018 UNDERGRADUATE CATALOG

Updated: 03/23/2017

SEMESTER I (Fall)				SEMESTER II (Spring)				
AIS	1203	Academic Inquiry and Scholarship	3	CHE	1113	General Chemistry II	3	
CHE	1103	General Chemistry I	3	CHE	1131	General Chemistry II Lab	1	
CHE	1121	General Chemistry I Lab	1	CME	1201	Intro to Chemical Eng	1	
EGR	1343	Impact of Modern Tech. (CORE)	3	MAT	1224	Calculus II	4	
MAT	1214	Calculus I	4	PHY	1943	Physics for Sci and Eng I	3	
WRC	1013	Freshman Composition I	3	PHY	1951	Physics for Sci and Eng I Lab	1	
				WRC	1023	Freshman Composition II	3	
Semester Total			17	Semester Total			16	
SEMESTER III (Fall)				SEMESTER IV (Spring)				
CHE	2603	Organic Chemistry I	3	CME	3003	Intro to Materials Sci. & Eng.	3	
CHE	2612	Organic Chemistry I Laboratory	2	EGR	2103	Statics	3	
CME	2203	Computational Methods in Chem E	3	EGR	3323	Applied Eng. Analysis II	3	
ECO	2023	Economics	3	PHY	1963	Physics for Sci and Eng II	3	
EGR	2323	Applied Eng. Analysis I	3	PHY	1971	Physics for Sci and Eng II Lab	1	
STA	2303	Applied Prob & Stat for Engineers	3	CORE*		Creative arts	3	
Semester Total			17	Semester Total			16	
SEMESTER V (Fall)				SEMESTER VI (Spring)				
CME	3103	Thermodynamics I	3	CME	3203	Thermodynamics II	3	
CME	3303	Transport Phenomena	3	CME	3403	Transport Processes	3	
CHE	3804	Physical Chemistry I and Lab	4	CME	3503	Kinetics and Reactor Design	3	
CME	4001	Chem Process Safety & Risk Mgmt.	1	CME	3601	Chemical Engineering Lab I	1	
F. Elective		Foundation Elective I	3	F. Elective		Foundation Elective II	3	
				CORE*		U.S. History and Diversity I	3	
Semester Total			14	Semester Total			16	
SEMESTER VII (Fall)				SEMESTER VIII (Spring)				
CME	4103	Process Dynamics and Control	3	CME	4264	Product and Process Design	4	
CME	4163	ChemE Design Fundamentals	1	S. Elective	3000	Specialization Elective II	3	
CME	4201	Chemical Engineering Lab II	3	S. Elective	3000	Specialization Elective III	3	
S. Elective	3000	Specialization Elective I	3	CORE*		Lang., Philosophy & Culture	3	
CORE*		Political Science I	3	CORE*		Political Science II	3	
CORE*		U.S. History and Diversity II	3					
Semester Total			16	Semester Total			16	
							Total Required Degree Hours	128

DEADLINE TO APPLY FOR GRADUATION:

Fall: July 15th

Spring: November 15th

Summer: February 15th