

UTSA

BIOMEDICAL ENGINEERING RECOMMENDED PROGRAM OF STUDY Drafted 2012-2014 UNDERGRADUATE CATALOG

Updated: 06/29/2012

SEMESTER I				SEMESTER II				
BIO	1404	Biosciences I	4	BME	1002	Introduction to BME	2	
MAT	1214	Calculus I	4	MAT	1224	Calculus II	4	
CHE	1103	General Chemistry I	3	PHY	1903	Engineering Physics I	3	
COR	1203	Freshman Seminar/Soc-Beh Science	3	PHY	1911	Engineering Physics I Lab	1	
WRC	1013	Freshman Compstion I	3	CHE	1113	General Chemistry II	3	
				WRC	1023	Freshman Composition II	3	
Semester Total			17	Semester Total			16	
SEMESTER III				SEMESTER IV				
BME	2103	Physiology for BME	3	BME	2114	Cell Biology for BME	4	
EGR	2323	Applied Engineering Analysis I	3	BME	2203	Biomechanics I	3	
PHY	1923	Engineering Physics II	3	BME	2211	BME Lab I	1	
PHY	1931	Engineering Physics II Lab	1	BME	2403	Biomaterials I	3	
STA	2303	Appl Probability and Stats for EGR	3	POL	1013	Intro to American Politics	3	
CORE		Literature	3					
Semester Total			16	Semester Total			14	
SEMESTER V				SEMESTER VI				
BME	3013	Clinical Internship in BME	3	BME	3023	BME Tech. & Prod. Develop.	3	
BME	3303	Bioinstrumentation	3	BME	3703	Biotransport Phenomena	3	
BME	3311	BME Lab II	1	BME	3711	BME Lab III	1	
BME Tech.		Approved Upper Div. BME Elective	3	BME Tech.		Approved Upper Div. BME Elec.	3	
Tech. Elec.		Approved SCI/EGR Elective	3	Tech. Elec.		Approved SCI/EGR Elective	3	
POL		Political Science (1133 or 1213)	3	Tech. Elec.		Approved SCI/EGR Elective	3	
Semester Total			16	Semester Total			16	
SEMESTER VII				SEMESTER VIII				
BME	4903	BME Senior Design I	3	BME	4913	BME Senior Design II	3	
BME Tech.		Approved Upper Div BME Elective	3	BME Tech.		Approved Upper Div BME Elec.	3	
BME Tech.		Approved Upper Div BME Elective	3	ECO		Economics (2003, 2013, 2023)	3	
HIS		U.S. History & Diversity	3	HIS		U.S. History & Diversity	3	
CORE		Visual & Performing Arts	3	CORE		World Society & Issues	3	
Semester Total			15	Semester Total			15	
							Total Required Degree Hours	125

Please go to pages 3-5 in the catalog for a complete list of core courses

DEADLINE TO APPLY FOR GRADUATION:

FALL: Apr. 15

SPRING: Nov. 15

SUMMER: Feb. 15

ALL UNDERGRADUATE BME ENGINEERING STUDENTS MUST SEE AN ENGINEERING ADVISOR EVERY FALL/SPRING PRIOR TO REGISTRATION