CHEMICAL & BIOLOGICAL ENGINEERING

Department of Chemical & Biological Engineering (CBE)
Bachelor of Science in Chemical Engineering (B.S.Ch.E.)

FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
FALL	**SPRING**	**FALL**	**SPRING**	**FALL**	**SPRING**	**FALL**	**SPRING**
Humanities	Social & Behavioral Science				301 Dynamics		Fine Arts
ENGL 110 (or 112 or 113) Composition	ENGL 120		ECON 105 Macroeconomics	ENGL 219 Technical Writing	302 Electronic Circuits	418L ChemE Lab III	Humanities
UNM CORE			**UNM CORE**		**Engineering**		**UNM CORE**
101 Intro to CBE		251 Chem Process Calculations	253 Chemical & Biological Engr Computing	311 Intro to Transport Phenomena	312 Unit Operations	454 Process Dynamics and Control	Second Language
CBE							
(121 or 131)/123L General	(122 or 132)/124L	301/303L Organic	302 ChemE Thermodynamics	317 Numerial Methods for CBE	321 Mass Transfer	461 Chemical Reactor Engineering	419L ChemE Lab IV
Chemistry							
162	163 Calculus	264	316 Applied Ordinary Differential Equations	318L ChemE Lab I	319L ChemE Lab II	486 Intro to Statistics & Design of Experiments	451 Senior Seminar
Mathematics							
160 General	161			361 Biomolecular Engrineering	371 Intro to Materials Engineering	493L ChemE Design	494L Adv ChemE Design
Physics					**CBE**		
Advanced Chem	Advanced Chem	Advanced Chem	Technical Elective	Technical Elective - Engineering			
Course for Concentration							

With the exception of CBE 101 all CBE courses listed on this document are only offered during the semester in which they are listed here.