SENIOR DESIGN PRE/CO-REQUISITES

For all specialties, students must have completed all required 100- and 200- level engineering, mathematics, and science courses.

	Prerequisites	**Corequisites**	
BME 487			
EGR 312	Engineering Economy	BME 445L	Senior Biomedical Engineering Lab
TCO 341	Technical Communication		
BME 402	Biomedical Instrumentation		
BME 425	Basic Transport Phenomena		
BME 480	Introduction to Senior Design		
ECE 485			
TCO 341	Technical Communication		
ECE 202	Signals and Systems		
ECE 323	Microcomputer Fundamentals		
ECE 481	Introduction to Senior Design		
EGR 386	Feedback Control and Modeling		
CSC 205	Structural Programming II		
ECE 487			
TCO 341	Technical Communication		
ECE 311	Electronics I		
ECE 323	Microcomputer Fundamentals		
ECE 480	Introduction to Senior Design		
EGR 386	Feedback Control and Modeling		
EVE 487			
TCO 341	Technical Communication		
EVE 384	Engineering Hydraulics		
EVE 405	Design and Analysis of Wastewater Systems		
EVE 480	Introduction to Senior Design		
ISE 487			
TCO 341	Technical Communication		
ISE 302	Management Science/Operations Research		
ISE 311	Ergonomics and Work Measurement		
ISE 327	Statistical Process and Quality Control		
ISE 370	Manufacturing Processes		
ISE 480	Introduction to Senior Design		
IDM 487			
TCO 341	Technical Communication		
IDM 355	Quality Management		
IDM 480	Introduction to Senior Design		
ISE 302	Management Science/Operations Research		
ISE 370	Manufacturing Processes I		
MAE 487			
TCO 341	Technical Communication	MAE 302	Experimental Methods for Mechanical Engineers
MAE 305L	Manufacturing Practices		
MAE 310	Numerical Methods for Mechanical Engineers	MAE 430	Heat Transfer
MAE 322	Machine Design		
MAE 330	Fluid Mechanics		
MAE 362	Structure and Properties of Materials		
MAE 480	Introduction to Senior Design		