

ENGINEERING THERAPEUTICS MANUFACTURING - CERTIFICATE

Program Requirements

Code	Title	Semester Credit Hours
Required Courses		
Select one of the following:		3
BAEN 601	Advanced Agricultural Systems Analysis	
CHEN 651	Biochemical Engineering	
ISEN 645	Lean Engineering	
Prescribed Electives		
Select three of the following:		9
BAEN 631	Bioprocesses and Separations in Biotechnology	
BMEN 604	FDA Good Laboratory and Clinical Practices	
BMEN 686	Biomedical Nanotechnology	
BMEN 687	Drug Delivery	
CHEN 614	Advanced Transport Phenomena I	
CHEN 624	Chemical Engineering Kinetics and Reactor Design	
CHEN 629	Transport Phenomena	
CHEN 631	Process Dynamics and Advanced Process Control	
CHEN 651	Biochemical Engineering	
CHEN 655/ SENG 655	Process Safety Engineering	
CHEN 663	Systems Biology	
ISEN 613	Engineering Data Analysis	
Total Semester Credit Hours		12