

# ENGINEERING THERAPEUTICS MANUFACTURING - CERTIFICATE

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## Program Requirements

Code	Title	Semester Credit Hours
<b>Required Courses</b>		
Select one of the following:		3
BAEN 601	Advanced Agricultural Systems Analysis	
CHEN 651	Biochemical Engineering	
ISEN 645	Lean Engineering	
<b>Prescribed Electives</b>		
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 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	
<b>Total Semester Credit Hours</b>		<b>12</b>