

**Graduate Degree Plan – MEng (1.5 years)**

Student Name	UIN:	Compass ID:	Cum.GPA
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**Course Code**                      **Course Descript.**    **CrHrs**      **Grade**

**Year 1 - S1**

**Fall 20**

CHEN 604 (3-0)	Chem. Eng. Process Analysis	3	
CHEN 681 (1-0)	Seminar	1	
CHEN 6xx* (3-0)	CHEN Elective – Non Degree	3	
	<b>Semester Total</b>	<b>7</b>	

**Year 1 - S2**

**Spring 20**

CHEN 624 (3-0)	Chem. Eng. Kinetics & React Design	3	
CHEN 629 (3-0)	Transport Phenomena	3	
CHEN 6xx* (3-0)	CHEN Elective	3	
	<b>Semester Total</b>	<b>9</b>	

**Year 2 - S1**

**Fall 20**

CHEN 623 (3-0)	Fund. Applications of Thermo.	3	
CHEN 6xx* (3-0)	CHEN Elective	3	
CHEN 681 (1-0)	Seminar	1	
	<b>Semester Total</b>	<b>7</b>	

**Year 2 - S2**

**Spring 20**

CHEN 6xx* (3-0)	CHEN Elective	3	
CHEN 685 (0-1)	Directed Studies	4	
	<b>Semester Total</b>	<b>7</b>	

**Selection of CHEN 6xx Courses Listed Below**

<b>Course Description</b>	<b>Course Number</b>
CHEN 631 (3-0)	Process Dynamics and Advanced Process Cont
CHEN 634 (3-0)	Catalysis and Multiphase Reactor Design
CHEN 643 (3-0)	Applied Statistical Mechanics of Fluids
CHEN 655 (3-0)	Process Safety Engineering
CHEN 658 (3-0)	Fund of Environmental Remediation Process
CHEN 661 (3-0)	Optimization of Chemical Engineering Process
CHEN 665 (3-0)	Sustainable Design of Chemical Process
CHEN 685 (1-12 credits)	Directed Studies
CHEN 689 (3-0)	Special Topics In .....

**Graduate Degree Plan – MEng (2.0 years)**

Student Name	UIN:	Compass ID:	Cum.GPA
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**Course Code**                      **Course Descript.**    **CrHrs**      **Grade**

**Year 1 - S1**

**Fall 20**

CHEN 604 (3-0)	Chem. Eng. Process Analysis	3	
CHEN 681 (1-0)	Seminar	1	
	<b>Semester Total</b>	<b>8</b>	

**Year 1 - S2**

**Spring 20**

CHEN 624 (3-0)	Chem. Eng. Kinetics & React Design	3	
CHEN 629 (3-0)	Transport Phenomena	3	
CHEN 6xx* (3-0)	CHEN Elective	3	
	<b>Semester Total</b>	<b>9</b>	

**Year 2 - S1**

**Fall 20**

CHEN 623 (3-0)	Fund. Applications of Thermo.	3	
CHEN 6xx* (3-0)	CHEN Elective	3	
CHEN 681 (1-0)	Seminar	1	
	<b>Semester Total</b>	<b>7</b>	

**Year 2 - S2**

**Spring 20**

CHEN 6xx* (3-0)	CHEN Elective	3	
CHEN 6xx* (3-0)	CHEN Elective – Non Degree	3	
CHEN 685 (0-1)	Directed Studies	1	
	<b>Semester Total</b>	<b>7</b>	

**Selection of CHEN 6xx Courses Listed Below**

<b>Course Description</b>	<b>Course Number</b>
CHEN 631 (3-0)	Process Dynamics and Advanced Process Cont
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