

Master of Science in Chemical Engineering (M.S.Ch.E)

Plan III - Coursework Only

Shared Credit Program with B.S.Ch.E.

Department of Chemical & Biological Engineering

Name:	UNM ID #:
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Junior Year - Undergraduate Degree						
SPRING SEMESTER						
Semester/Year	Course	Title	Hours	Grade	Applied toward BSCHE?	
	CBE 501	Chemical & Biological Engineering Seminar	1			
Total Semester Hours: 1						

		Senior Year - Undergraduate Degree				
		FALL SEMESTER				
Semester/Year	Course	Title	Hours	Grade	Applied toward BSCHE?	
	CBE 501	Chemical & Biological Engineering Seminar	1			
FA	CBE 586	Introduction to Statistics and Design of Experiments	3			
		Technical Elective ⁽¹⁾	3			
		Total Semester Hours:	7			
SPRING SEMESTER ⁽²⁾						
Semester/Year	Course	Title	Hours	Grade	Applied toward BSCHE?	
		Technical Elective ⁽¹⁾	3			
Total Semester Hours: 3						

		First Year - MS in Chemical Engineering			
		FALL SEMESTER			
Semester/Year	Course	Title	Hours	Grade	Applied toward BSCHE?
	CBE 501	Chemical & Biological Engineering Seminar	1		
FA	CBE 502	Chemical & Biological Engineering Research Practices	3		
FA	CBE 521	Advanced Transport Phenomena I	3		
FA	CBE 525	Methods of Analysis in NE, CBE	3		
		Total Semester Hours	10		
		SPRING SEMESTER ⁽²⁾			
Semester/Year	Course	Title	Hours	Grade	Applied toward BSCHE?
SP	CBE 542	Advanced Chemical Engineering Thermodynamics	3		
SP	CBE 561	Kinetics of Chemical Processes	3		
		Technical Elective ⁽¹⁾	3		
	•	Total Semester Hours	9	•	
		Total Hours for MSCHE	30		

⁽¹⁾ Technical electives are chosen with consultation of your MSChE advisor. A maximum of 6 hrs of CBE 551: Problems may be used toward Technical Electives.

⁽²⁾ CBE 501 is not listed in these semesters because only 3 hrs of CBE 501 will count toward the MSChE degree program. However, we do encourage our MS students to take CBE 501 each semester they are in the program.