



# CHEMICAL & BIOLOGICAL ENGINEERING

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

Plan III - Coursework Only

Shared Credit Program with B.S.C.H.E.

Department of Chemical & Biological Engineering

Name: \_\_\_\_\_ UNM ID #: \_\_\_\_\_ Planned MS Graduation Date: \_\_\_\_\_

Please use the following form to plan out the 30 hours of graduate credit that will count toward your Master's Degree. Check the courses you plan to take and indicate the semester and year you plan to take them. The "TOTAL" box should add up to 30. You can change your selections later on without penalty. If you are planning to take a course while an undergrad, note it in the "Taken as UG?" box on the right. A maximum of 18 hours of graduate credit can be taken while you are in UG status.

Required Core Courses (15 hrs)					
Semester/Year	Course	Title	Hours	Taken as UG?	Notes
SP	CBE 502	Chemical & Biological Engineering Research Practices	3		
FA	CBE 521	Advanced Transport Phenomena I	3		
FA	CBE 525	Methods of Analysis in Nuclear, Chemical & Biological Eng.	3		
SP	CBE 542	Advanced Chemical Engineering Thermodynamics	3		
SP	CBE 561	Kinetics of Chemical Processes	3		
Technical Elective (12 hrs)					
Technical Electives should be chosen in consultation with the CBE Director of Graduate Programs or the student's research advisor. They may include the following pre-approved courses: <ul style="list-style-type: none"><li>•Any graduate level course taught by the School of Engineering (BME, CBE, CE, CS, ECE, ENG, ME, NE, NSME)</li><li>•Any graduate level course taught by the following departments: ASTR, BIOC, BIOL, CHEM, EPS, MATH, PHYS, or STAT</li><li>•Students interested in business management may also choose from: MGMT 501, 502, 504, 508, 511, 520, 526, 560, 564, 598, or 600.</li><li>•3 hrs of Problems/Independent Study/Research Courses may be taken and applied toward technical electives with permission of the CBE Director of Graduate Programs (see Graduate Student Handbook for full details on petition process).</li><li>•Students may NOT apply lab group meeting credit or extra seminar hours toward technical electives.</li></ul> <i>NOTE: Graduate level course is defined as any 500-level course or higher OR any 300- or 400-level course that has a "*" or any 300- or 400-level, non-CBE course with a "***" in the UNM Catalog course descriptions.</i>					
Semester/Year	Course	Title	Hours	Taken as UG?	Notes
FA	CBE 586	Introduction to Statistics and Design of Experiments	3	Yes	
Seminar (3 hrs)					
Semester/Year	Course	Title	Hours	Taken as UG?	Notes
	CBE 501	Chemical & Biological Engineering Seminar	1		
	CBE 501	Chemical & Biological Engineering Seminar	1		
	CBE 501	Chemical & Biological Engineering Seminar	1		

TOTAL

Comments/Notes	
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