NANOSCIENCE & MICROSYSTEMS ENGINEERING

Master of Science in Nanoscience & Microsystems Engineering (MS NSME)

Plan III - Coursework Only

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

Department of Nanoscience & Microsystems Engineering

Name:_____ UNM ID #:_____ Planned MS Graduation Date:_____

Please use the following form to plan out the 36 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 36. 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 (14 hrs)

	Semester/Year	Course	Title	Hours	Taken as UG?	Notes
✔	SP	**NSME 510**	Chemistry & Physics at the Nanoscale	3		
✔	FA	**NSME 512**	Characterization Methods for Nanostructures	3		
✔	FA	**NSME 518**	Synthesis of Nanostructures	3		
✔	SP	**NSME 519**	Advanced Micro- and Nanosystems Engineering	4		
✔	FA	**NSME 550**	Social & Ethical Issues in Nanotechnology	1		

STEM Electives (21 hrs)

Any non-NSME electives taken for the satisfaction of degree requirements must be technical in nature and further the study of NSME subject areas. Electives must be approved by the faculty advisor and confirmed by the Graduate Program Director. Course offerings from Computer Science, Mathematics, Physics, Chemistry, Biology, or other departments in the School of Engineering are typically approved as electives, however, students may propose electives from any department. Up to 3 hrs of NSME 595: Seminar may count toward the STEM Elective requirement, and up to 6 hrs of Problems/Independent Study courses can count toward a MS degree.

	Semester/Year	Course	Title	Hours	Taken as UG?	Notes

Seminar (1 hrs)

1 hr of Seminar is required, but 3 additional hours can be substituted for a STEM Elective.

	Semester/Year	Course	Title	Hours	Taken as UG?	Notes
✔		**NSME 595**	NSME Seminar	1		

TOTAL

Comments/Notes	