

**WAYNE STATE UNIVERSITY  
CHEMICAL ENGINEERING**

**PLAN OF WORK FOR M.S. DEGREE  
(For the Nanotechnology Option)**

Name: \_\_\_\_\_ WSU Access ID: \_\_\_\_\_  
 Address: \_\_\_\_\_ Telephone: \_\_\_\_\_ (H, W)  
 \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Date Admitted: \_\_\_\_\_ Study Plan: C (non-thesis) \_\_\_\_

**CORE COURSES**

Course No.	Course Title	Credits	Sem/Yr	Grade	Remarks
CHE 7100	Advanced Engineering Mathematics	3			
CHE 7300	Advanced Thermodynamics	3			
MSE 5650	Surface Science	3			
Total		9			

**ADDITIONAL REQUIRED COURSES**

Course No.	Course Title	Credits	Sem/Yr	Grade	Remark
MSE7400	Mechanical Behavior of Materials	3			Choose 2 out of the 3
PHY6450	Introduction to Materials and Device Characterization	4			
CHE5350	Polymer Science	3			
CHM6060/7060	Solid State Materials Chemistry	4			
BME5370	Introduction to Biomaterials	4			
ECE5550	Solid State Electronics	4			
Total		18			

**ELECTIVES**

Course No.	Course Title	Credits	Sem/Yr	Grade	Remarks
Total					

- Electives of no more than 8 credits at the 5000 ~ 8000 level in engineering (not including those in Engineering Technology Division), mathematics, and/or physical science are permitted. Other graduate courses may also qualify, but must be approved by the thesis or graduate advisor.

- Note: 1. The completed form must be filed with the Chemical Engineering Office (1100 Eng.) prior to the beginning of the second semester of residence. A registration "hold" may be placed on the records of students who have not filed a Plan of Work by this deadline.
2. **Students must apply for M.S. degree no later than the first day of the semester expected to graduate.**
3. No more than 3 credits may be taken in any combination of CHE8996 or CHE 7990, or CHE 8510.
4. This plan of work is for the Plan C (course work) MS only; it does not apply to the Plan A (Thesis) MS.

**TOTAL CREDITS:** \_\_\_\_\_ (at least 32)

\_\_\_\_\_  
**Student Signature and Date**

\_\_\_\_\_  
**Graduate Advisor Signature and Date**

\_\_\_\_\_  
**Date Degree Awarded**