

Name (please print): \_\_\_\_\_  
(Last) (First) (Middle)

Student Number: \_\_\_\_\_

Primary Major: \_\_\_\_\_ Expected Major Completion Term: \_\_\_\_\_

**Required Courses – Polymer Science Track***Select 10 credits*

- \_\_\_\_\_ CH 2410 Organic Chemistry I (3) **and**  
 \_\_\_\_\_ CH 2420 Organic Chemistry II (3)
- \_\_\_\_\_ CH 2411 Organic Chemistry Laboratory I (1)
- \_\_\_\_\_ CM/CH 4610 Intro to Polymer Science (3) **or**  
 \_\_\_\_\_ BE 4300 Adv Polymeric Biomaterials (3) **or**  
 \_\_\_\_\_ MY 4600 Intro to Polymer Engineering (3)

**Elective Courses - Select 7 credits**

- \_\_\_\_\_ BE 4000 Independent Study (1-3)\*
- \_\_\_\_\_ CM/CH 4620 Polymer Chemistry (3)
- \_\_\_\_\_ CM/CH 4631 Polymer Science Laboratory (2)
- \_\_\_\_\_ CH 4690 Current Topics in Polymer Chem (var)
- \_\_\_\_\_ CH 4710 Biomolecular Chemistry I (3)
- \_\_\_\_\_ CH 4990 Undergrad Research - Chemistry (1-3)\*
- \_\_\_\_\_ CM 4000 Chem Eng Undergrad Research (1-3)\*
- \_\_\_\_\_ CM 4650 Polymer Rheology (3)
- \_\_\_\_\_ CM 4655 Polymer Rheology Lab (1)
- \_\_\_\_\_ MEEM 3999 Mech Eng Undergrad Research\*
- \_\_\_\_\_ MEEM 4635 Design with Plastics (3)
- \_\_\_\_\_ MEEM 4999 Mech Eng Senior Research Thesis\*

\* Topic must be approved by department chair.

Credits Required = 17

Total Credits \_\_\_\_\_

**Required Courses – Polymer Engineering Track***Select 9-10 credits*

- \_\_\_\_\_ MEEM 2150 Mechanics of Materials (3) **or**  
 \_\_\_\_\_ ENG 2120 Statics/Mechanics of Materials (4)
- \_\_\_\_\_ MEEM3210 Fluid Mechanics (3) **or**  
 \_\_\_\_\_ CM 3110 Transport Processes I (3) **or**  
 \_\_\_\_\_ ENG 3200 Thermodynamics/Fluid Mech (4) **or**  
 \_\_\_\_\_ MY 3110 Materials Processing II (4)
- \_\_\_\_\_ CM/CH 4610 Intro to Polymer Science (3) **or**  
 \_\_\_\_\_ MY 4600 Intro to Polymer Engineering (3) **or**  
 \_\_\_\_\_ BE 4300 Advanced Polymer Biomaterials (3)

**Elective Courses – Select 6-7 credits**

- \_\_\_\_\_ BE 4000 Independent Study (1-3)\*
- \_\_\_\_\_ CH 4990 Undergrad Research - Chemistry (1-3)\*
- \_\_\_\_\_ CM 4000 Chem Eng Undergrad Research (1-3)\*
- \_\_\_\_\_ CM/CH 4631 Polymer Science Laboratory (2)
- \_\_\_\_\_ CM 4650 Polymer Rheology (3)
- \_\_\_\_\_ CM 4655 Polymer Rheology Lab (1)
- \_\_\_\_\_ MEEM 3999 Mech Eng Undergrad Research\*
- \_\_\_\_\_ MEEM 4170 Failure of Material in Mech (3)
- \_\_\_\_\_ MEEM 4403 Computer-Aided Design Meth (4)
- \_\_\_\_\_ MEEM 4635 Design with Plastics (3)
- \_\_\_\_\_ MEEM 4999 Mech Eng Senior Research Thesis\*
- \_\_\_\_\_ MY 4155 Composite Materials (3)

\* Topic must be approved by department chair.

Credits Required = 16

Total Credits \_\_\_\_\_

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: CM4610 (CH1122 or (CH1160 and CH1161)), CM4620 (CH2420), CM4631 (CM4610 C), MEEM4403 (ENG1102), MEEM4170 (MEEM3501), MEEM3210 (MEEM2200 and MEEM2700(C) and (MA3520 or MA3521 or MA3530 or MA3600)), MEEM2150 (MEEM2110), CM4655 (CM4610 (C) or CH4610 (C) or CM4650 (C)), CM4650 ((CM3110 or MEEM 3210 or ENG3200 or MY3110 or CE3600) and (MA3520 or MA3521 or MA3530 or MA3560)), CH2420 (CH2410), MY4155 (MY2100), MEEM4635 (MY2100 and MEEM2150 and MEEM3210 and MEEM3230(C)), CH2411 (CH2410(C) and CH1122 or (CH1160 and CH1161)), CM3110 (CM2120 and (MA3520 or MA3521 or MA3530 or MA3560) and MA3160 an PH2100), MY3110 (MY2110 and MY3100 and (MA3520 or MA3521 or MA 3530 or MA3560)), MY4600 (MY2100), CH4610 (CH1122 or (CH1160 and CH1161)), ENG3200 (MA2160 and CH1112 or (CH1150 an CH1151) and PH2100 and ENG1102), ENG2120 (MA2160 an PH2100 an ENG1102), CH4631 (CH4610 (C) or CM4610 (C)), CH2410 (CH1122 or (CH1160 and CH1161))

Student

Date

Department Advisor

Date

Academic Year 2014-15