

Name (please print): _____
(Last) (First) (Middle)

Student Number: _____ Primary Major: _____ Expected Major Completion Term: _____

Introduction to Polymers Course (Select one course, 3 credits)

- _____ BE 4300 Polymeric Biomaterials (3) Prereq: BE 3800
- _____ CM/CH 4610 Introduction to Polymer Science (3) Prereqs: CH 1122 or (CH 1160 and CH 1161)
- _____ MY 4600 Introduction to Polymer Engineering (3) Prereq: MY 2100

Chemistry or Engineering Courses (Select one set of classes, 3 - 6 credits)

- _____ CH 2410 Organic Chemistry I (3) Prereqs: CH 1122 or (CH 1160 and CH 1161)
- AND** CH 2420 Organic Chemistry II (3) Prereqs: CH 2410
- _____ CM 3110 Transport Processes I (3) Prereqs: CM 2120 and (MA 3520 or MA 3521 or MA 3530 or MA 3560) and MA 3160 and PH 2100
- _____ ENG 3200 Thermodynamics/Fluid Mech (4) Prereqs: MA 2160 and (CH 1112 or (CH 1150 and CH1151)) and PH 2100 and ENG 1102
- _____ MEEM 3201 Intro to Fluid Mechanics & Heat Transfer (4) Prereqs: MEEM 2201 and MEEM 2911 and (MA 3520 or MA 3521 or MA 3530 or MA 3560)
- _____ MY 3110 Materials Processing II (4) Prereqs: MY 2110 and MY 3100 and (MA 3520 or MA 3521 or MA 3530 or MA 3560)

Elective Courses (Select remaining credits, 9 – 12 credits)

- _____ BE 3300 Biomechanics I: Statics and Dynamics (3)
Prereqs: BE 2400 and (MA 2321 or MA 2320 or MA 2330) and (MA 3521 or MA 3520 or MA 3530) and BL 2010
- OR** MEEM 2150 Mechanics of Materials (3) Prereqs: MEEM 2110
- _____ BE 4335 Smart Polymers (3) Prereqs: BE 3350 and BE 3800
- _____ CH/CM 4620 Polymer Chemistry Prereqs: CH 2420
- _____ CH 4710 Biomolecular Chemistry I (3) Prereqs: CH 2420
- _____ CM 4060 UG Research in Polymer Engg (1-6) Prereqs none
- _____ CM/CH 4631 Polymer Sci Lab (2) Prereqs: CH 4610(C) or CM 4610(C) or BE 4300(C) or MY 4600(C)
- _____ CM 4650 Polymer Rheology (3)
Prereqs: (CM 3110 or MEEM 3210 or ENG 3200 or MY 3100 or CE 3600) and (MA 3520 or MA 3521 or MA 3530 or MA 3560)
- _____ CM 4655 Polymer Rheology Lab (1) Prereqs: CM 4610(C) or CH 4610(C) or CM 4650(C) or BE 4300(C) or MY 4600(C)
- _____ MEEM 4170 Failure of Materials in Mech (3) Prereq: MEEM 3501 or MEEM 3400
- _____ MEEM 4635 Design with Plastics (3) Prereqs: MY 2100 and MEEM 2150 and (MEEM 3210 and MEEM 3230(C) or CM3110)
- _____ MY 4155 Composite Materials Prereqs: MY 2100
- _____ XX xxxx Undergraduate Research (1-6)* Topic must be approved

Minimum Credits Required = 18*

*A minimum of 9 credits are required at the 3000-level or higher

Student

Date

Academic Advisor

Date