Name (please print): _________________________________________________________________________________
(Last)                                                                   (First)                                                                          (Middle)
Student ID: _____________________  Primary Major: ____________________ Major Completion Term: ____________

Required Fluid and Heat Transfer Courses (Select one set of courses 4-8 credits)
____ CM 3110 Transport/Unit Operations I (3)  Prereqs: CM 2120 and (MA 3520 or MA 3521 or MA 3530 or MA 3560) and MA 3160 and PH 2100
AND CM 3120 Transport/Unit Operations II (3)  Prereqs: CM 3110 and CM 2120 and (MA 3520 or MA 3521 or MA 3530 or MA 3560)
____ MEEM 3201 Intro Fluid Mech & Heat Trans (4)  Prereqs: MEEM 2201 and MEEM 2911(C) and MA 3520 or MA 3521 or MA 3530 or MA 3560
____ MET 3400 Applied Fluid Mechanics (3)  Prereqs: MET 2130
AND MET 4300 Applied Heat Transfer (3)  Prereqs: MET 3600 or (MET 3700 and MET 4360(C))
____ MY 3100 Materials Processing I (4)  Prereqs: MY 2100 and MA 2160
AND MY 3110 Material Processing II (4)  Prereqs: MY 2110 and MY 3100 and (MA 3520 or MA 3521 or MA 3530 or MA 3560)

Required Circuits Course (Select one course, 3 credits)
____ EE 2111 Electric Circuits I (3)  Prereqs: EE 1110 and MA 2160
____ EE 3010 Circuits and Instrumentation (3)  Prereqs: none
____ EET 3131 Instrumentation (3)  Prereqs: EET 1411 or EET 2220 or PH 2230 or EE 2110 or EE 3010

Required Energy Technology Courses (Select 6 or more credits)
____ CM/ENT 3979 Alternative Energy Tech. and Processes (1)  Prereqs: (CH 1112 or (CH 1150 and CH 1151)) and (MA 1160 or MA 1161)
____ EC 4620 Energy Economics (3)  Prereqs: EC 2001 and UN 1015 and (UN 1025 or Modern Language – 3000 level or higher)
____ EE 3120 Electric Energy Systems (3)  Prereqs: EE 2110 or EE 3010 or (EE 2111 and EE 2112(C))
____ EET/MET 4380 Alternative Energy Applications (3)  Prereqs: EET 2233
____ ENG 4510 Sustainable Futures I (3)  Prereqs: none
____ ENG 5520 Sustainable Futures II (3)  Prereqs: none
____ MEEM 4200 Principles of Energy Conversion (3)  Prereqs: MEEM 4201(C) or MEEM 3230(C) or CM 3230 or ENG 3200 or MY 3100
____ MEEM 4260 Fuel Cell Technology (3)  Prereqs: MEEM 3230 or CM 3110 or MEEM 3201
OR CM/ENT 3974 Fuel Cell Fundamentals (1)  Prereqs: CH 1112 or (CH 1150 and CH 1151)
____ SS 3800 Energy Technology & Policy (3)  Prereqs: UN 1015 and (UN 1025 or Modern Language – 3000 level or higher)

Elective Courses (Select remaining credits, 0 – 5)
____ CM 4080 Undergrad Research in Biofuels Engineering (1-6)  Prereqs: none
____ EE 4219 Intro to Electric Machinery and Drives (3)  Prereqs: EE 2110 or EE 2112 or EE 3010
____ EE 4227 Power Electrics (3)  Prereqs: EE 3120 and (EE 3130(C) or EE 3131)
____ EE 4295 Introduction to Propulsion Systems for Hybrid Electric Vehicles (3)  Prereqs: MEEM 2200 or ENG 3200
____ EE 4296 Experimental Studies in Hybrid Electric Vehicles (3)  Prereqs: none
____ EET 3390 Power System (3)  Prereqs: EET 2233
____ ENT 29xx Enterprise Project Work (up to 2 cr)*  Prereqs: none. Topic must be approved by minor advisor.
____ ENT 39xx Enterprise Project Work (up to 4 cr)*  Prereqs: none. Topic must be approved by minor advisor.
____ ENT 49xx Enterprise Project Work (up to 4 cr)*  Prereqs: variable. Topic must be approved by minor advisor.
____ MEEM 4220 Internal Combustion Engines I (3)  Prereqs: MEEM 3210 or MEEM 4201(C)
____ MET 4390 Internal Combustion Engines (3)  Prereqs: MET 3600 or MET 4300 or (MET 3700 and MET 4360(C))
____ MY 4140 Science of Ceramic Materials (3)  Prereqs: MY 2100
____ XX xxxx Undergraduate Research (1-6)*  Topic must be approved by minor advisor.

Total Credits Required – 18*
*A minimum of 9 credits are required at the 3000-level or higher

Student Signature    Date   Minor Advisor Signature                            Date

Academic Year 2016-17