BIOMEDICAL ENGINEERING MAJOR Program Tracking Sheet Based on AY 2013-14 Degree Requirements and Course Offerings

ame:			Class Year:	
Advisor:			2 nd Major:	
OTES: Minimum total academic of	eredit – 15 unite		BASIC SCIENCE (7/3 units)	
Residency Req.: Min. of		eted at WPI	BIOLOGY (2/3 unit)	
			At least 1/3 unit of BB coursework must be 2000+ level.	
UMANITIES AND ARTS REQUI	REMENT (2 units)		22 1	
epth Component			23	
tudents must complete at least th	ree thematically-related	d courses prior to	CHEMISTRY (2/3 unit)	
e culminating Inquiry Seminar or			24 CH 1010: Chem I 1	
east one of the three courses should course	Term	Grade Units	25 CH 1020: Chem II 1	
Course	Tellii	1/3	PHYSICS (2/3 unit)	
2		1/3	26 PH 1110: Mechanics	
·		1/3	27 PH 1120: Electricity 1 SUPPLEMENTAL SCIENCE (1/3 unit)	
HU 3900 or HU 3910		1/3	1/3 additional unit from BB, CH, PH or FY courses that satisfy BB, CH, or F	
readth Component		1,70	28 1	
tudents must take at least one co	urse outside the group	na in which they		
omplete their depth component. T			BIOMEDICAL ENGINEERING AND ENGINEERING (14/3 units)	
e following manner.	,	0 1	ENGINEERING 2000+ LEVEL (3/3 unit)	
art/art history, drama/theatre, ar		ЛU);	29	
foreign languages (SP, GN, AB,			30	
. literature and writing rhetoric (EI	N, WR, RH);		31	
. history and international studies			ENGINEERING 3000+ LEVEL (2/3 unit)	
philosophy and religion (PY, RE			32	
xception: May take all six courses	s in a foreign language	T 1 419	33	
5		1/3	BIOMEDICAL ENGINEERING (9/3 unit)	
umanities Elective	T	1 1/0	Biomechanics or Biofluids (1/3 unit)	
INCIDAL EDUCATION (4 DE 1	4/0 :/)	1/3	2000+ level	
HYSICAL EDUCATION (4 PE cla	asses = 1/3 unit)	4/4	34 1	
		1/1:	Biomaterials or Tissue Engineering (1/3 unit)	
, <u> </u>		1/1:	2000+ level	
		1/1:	_ 35 1	
OCIAL SCIENCE (2/3 unit) ECO	N ENIV COV DOV SI		Biosensors or Bioinstrumentation (1/3 unit)	
nd ID2050	IN, LINV, GOV, I 31, 31	7, 300, 33, 313	2000+ level	
10 102000		1/3] [36]	
)		1/3	Experimental Measurement and Data Analysis (1/3 unit)	
HE INTERACTIVE QUALIFYING	PROJECT (1 unit)	1	2000+ level	
)		1/3	BME Laboratories (2/3 unit)	
1		1/3	3000+ level (four 1/6 unit labs)	
		1/3		
REE ELECTIVES (2/3 unit)		1 170	38	
(2/3 4/11)		1/3		
		1/3	39	
L		1 1/0	BME Engineering with Living Systems Laboratory (1/3 unit)	
ATHEMATICS (6/3 units)			40 BME 3111 or equivalent	
ust include Differential and Integr	ral Calculus. Differentia	l Equations and	BME Design (1/3 unit)	
atistics.		1	41 BME 3300 or equivalent	
MA 1021: Calculus I		1/3	BME Elective (1/3 unit)	
MA 1022: Calculus II		1/3	42	
MA 1023: Calculus III		1/3		
		1/3	MAJOR QUALIFYING PROJECT (1 unit)	
MA 1024: Calculus IV				
		1/3	43	
		1/3	43 44	

1/3

 $\it i.~2/3$ unit in BME must be at or above the 4000 level, of which 1/3 unit must be at the 4000 level .

ii. Only 1/3 unit may be ISP (syllabus and final report required)