

BIOMEDICAL ENGINEERING (BME)

Biomech & Med Dev Innov Tracks Name: Last, First, ID

CLASS OF 2012
Minimum Hrs. 192

2007-2008

Freshman Year (50hrs.) _____

Aut 2007				Wtr 2008				Spr 2008			
BIOL 201	Anat&Phy	4		BIOL 202	Anat&Phy	4		BIOL 203	Anat&Phy	4	
CHEM 101	Chem I	4		CHEM 102	Chem II	4		CHEM 103	Chem III	4	
CHEM 111	ChmLab	1		CHEM 112	ChmLab	1		CHEM 113	ChmLab	1	
ENGL 101	EnglCmp	3		MATH 252	Calc II	4		MATH 253	Calc III	4	
MATH 251	Calc I	5		MATH 256	CalcLab	1		MATH 257	Calc Lab	1	
BME 101	IntroBME	1						ENFD 252	Graphics	3	
								36 PD	120 Coop4En	1	
Total		18		Total		14		Total		18	

_____	_____
_____	_____
_____	_____
07A	_____
08W	_____
08S	_____

Aut 2008 _____ Soph (36hrs) Win/Spr 2009 _____

MATH 264	Calculus IV	5		ENGL 102	English Composition ..	3	
PHYS 201	Physics I	4		MATH 273	Differential Eqns.....	5	
BME 210	BME Clin	3		PHYS 202	Physics II	4	
BME 250	Med Prod Dissection	3		ENFD 102	Mechanics II	3	
ENFD 101	Mechanics I	3		ENFD 112	Fund Programming	3	
				COOP 120	Practice Eval #	_____	
Total		18		Total		18	

08U	_____
08A	_____
09W	_____
09S	_____

Sum/Aut 2009 _____ PreJr (28hrs) Win/Spr 2010 _____

BoK	_____	3		ENGL 492	Tech Writing (BoK)	3	
MATH 276	Matrix Methods	3		MATH 366	Engn Statistics	3	
BME 220	Human Body Dynamics	3		BME 310	Bioinstrumentation ...	3	
BME 306	Mod & Anal Systems	4		BME 420	Controls in BME	3	
COOP 120	Practice Eval #	_____		<u>BME 661</u>	<u>Biostats in Res</u>	<u>3</u>	
				<u>BME 350</u>	<u>Med Product Design I</u>	<u>3</u>	
				COOP 120	Practice Eval #	_____	
Total		13		Total		15	

09U	_____
09A	_____
10W	_____
10S	_____

Sum/Aut 2010 _____ Junior (28hrs) Win/Spr 2011 _____

BoK	_____	3		MTEN 376	Mat'ls Selection	3	
AEEEM 383	Fluid Mechanics	3		20PD 502	Prof. Develop. II.....	1	
CEE 376	Strength of Materials	3		Tech Elec	_____	3	
CME 376	NAPOM	3		BoK	_____	3	
COOP 120	Practice Eval #	_____		<u>AEEEM 438</u>	<u>Solids Lab</u>	<u>3</u>	
COOP 120	Practice Eval #	_____		<u>MECH 451</u>	<u>Engn Economics</u>	<u>3</u>	
				<u>BME 450</u>	<u>Med Prod Des II</u>	<u>3</u>	
				<u>MECH 355</u>	<u>Manuf Processes II</u>	<u>3</u>	
Total		12		Total		16	

10U	_____
10A	_____
11W	_____
11S	_____

2011-2012

Senior (50hrs) _____

BME 501	Med Dev Innov I (Aut)	6		Tech Elec	_____	3	
BME 502	Med Dev Innov II (Wtr)	6		Tech Elec	_____	3	
BME 505	Expt'I Res Capst (Aut)	2		Tech Elec	_____	3	
BME 506	Expt'I Res Capst (Wtr)	2		Tech Elec	_____	3	
BME 521	Tissue Mech Lab (Aut)	1		Tech Elec	_____	3	
BME 621	Tissue Biomech (Aut)	3		BoK	_____	3	
<u>BME 624</u>	<u>Joint Biomech (Wtr)</u>	<u>3</u>		BoK	_____	3	
<u>MECH 451</u>	<u>Engn Economics (Wtr)</u>	<u>3</u>		BoK	_____	3	
COOP 120	Practice Eval #	_____		BoK	_____	3	
				Total above		<u>27</u>	

11U	_____
11A	_____
12W	_____
12S	_____

Total above 23

Red single underlined are Biomechanics
Blue double underlined are Med Dev Innovation