

BIOMEDICAL ENGINEERING (BME)

CLASS OF 2011  
Minimum. Hrs. 194

Premedical Program Name: Last, First, ID

Biomech & Med Dev Innov Tracks

2006-2007

Freshman Year (53 hrs)

<u>Aut 2006</u>				<u>Wtr 2007</u>				<u>Spr 2007</u>			
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		BME 110	BME Clin	3		ENFD 251	Graphics	3	
								36 PD	120 Coop4En	1	
Total		18		Total		17		Total		18	

_____	_____
_____	_____
_____	_____
06A	_____
07W	_____
07S	_____

Sophomore Year (53 hrs)

<u>Aut 2007</u>				<u>Wtr 2008</u>				<u>Spr 2008</u>			
BIOL 302	Genetics	4		BIOL 301	Cell Str	4		ENGL 102	EnglCmp	3	
CHEM 350	Organic	4		CHEM 351	Organic	4		MATH 273	Diff Eqns	5	
CHEM 352	Org Lab	2		CHEM 353	Org Lab	2		PHYS 202	Physics II	4	
MATH 264	Calc IV	5		PHYS 201	Physics I	4		ENFD 102	Mech II	3	
BME 250	MedProd	3		ENFD 101	Mech I	3		ENFD 112	Fnd Prog	3	
Total		18		Total		17		Total		18	

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

Sum/Aut 2008 \_\_\_\_\_ PreJr (28 hrs) Win/Spr 2009 \_\_\_\_\_

BoK _____	3	ENGL 492	Tech Writing (BoK) ....	3	08U	_____	
MATH 276	Matrix Methods .....	3	MATH 366	Engn Statistics .....	3	08A	_____
BME 220	Human Body Dynamics	3	BME 310	Bioinstrumentation ...	3	09W	_____
BME 306	Mod & Anal Systems	4	BME 420	Controls in BME .....	3	09S	_____
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>		
Total		13	COOP 120	Practice Eval # _____			
			Total		15		

Sum/Aut 2009 \_\_\_\_\_ Junior (28 hrs) Win/Spr 2010 \_\_\_\_\_

BoK _____	3	BoK _____	3	09U	_____		
CEE 376	Strength of Materials	3	BoK _____	3			
CME 376	NAPOM .....	3	MTEN 376	Mat'ls Selection	3	09A	_____
AEEM 383	Fluid Mechanics .....	3	20PD 502	Prof. Develop. II.....	1	10W	_____
COOP 120	Practice Eval # _____		<u>AEEM 438</u>	<u>Solids Lab .....</u>	<u>3</u>	10S	_____
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		

2010-2011

Senior (32 hrs)

<u>Aut 2010</u>				<u>Win 2011</u>				
BoK _____	3	BoK _____	3					
BoK _____	3	BME 502	Med Dev Innov II .....	6	10U	_____		
BME 501	Med Dev Innov I .....	6	BME 506	Expt'l Res Capst II ...	2	10A	_____	
BME 505	Expt'l Res Capst I .....	2	<u>BME 624</u>	<u>Joint Biomech .....</u>	<u>3</u>	11W	_____	
BME 521	Tissue Mech Lab .....	1	<u>MECH 451</u>	<u>Engn Economics .....</u>	<u>3</u>	11S	_____	
BME 621	Tissue Biomech .....	3						
COOP 120	Practice Eval # _____							
Total		18	Total		14			

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

rev. 03/09  
v. 13 Oct 09