

BIOMEDICAL ENGINEERING (BME)

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

CLASS OF 2012
Minimum Hrs. 192

2007-2008

Freshman Year (50hrs.)

| <u>Aut 2007</u> | | | | <u>Wtr 2008</u> | | | | <u>Spr 2008</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 | | | | | | 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 | | 27 | |

| | |
|-----|-------|
| 11U | _____ |
| 11A | _____ |
| 12W | _____ |
| 12S | _____ |

Total above 23

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