

**Bachelor of Science in Mechanical Engineering (BSME) Degree
Department of Engineering**



Starting date: **Fall 2006**

All engineering & technical elective courses must have a combined minimum GPA of 2.0

Course sequencing follows the academic year, and assumes beginning the program in the fall semester.

For more information visit <http://www.engr.ipfw.edu>

P = Prerequisite, C = Corequisite, D = Design Credits

1 st semester 16 credits	MA 165 (4) P: MA 154 or MA 159 (C or better), or placement	CHM 115 (4) P: CHM 111 or 1 yr. H.S. C: MA 153 or MA 151	ENGR 101 (1)	ENGR 120 (2) P: MA 153 Area V	ENGR 121 (2) P: MA 154 or MA 159 (C or better), or placement C: ENGR 120	ENG W131 (3) P: ENG W130 (C or better) or placement
2 nd semester 15 credits	MA 166 (4) P: MA 165 (C or better)	PHYS 152 (5) C: MA 166	ENGR 199 (3) P: ENGR 101 C: ENGR 121, PHYS 152 D: 2	COM 114 (3) C or better		
3 rd semester 17 credits	MA 261 (4) P: MA 166 (C or better)	MA 351 (3) P: MA 166 (C or better)	PHYS 251 (5) P: PHYS 152 C: MA 261	ME 250 (3) P: PHYS 152 C: MA 261	ENGR 221 (2) P: ENGR 101, ENGR 121	
4 th semester 15 credits	MA 363 (3) P: MA 351, MA 261	ME 251 (3) P: ME 250 C: MA 363	ME 200 (3) C: MA 261 D: 0.5	ME 252 (3) P: ME 250 C: MA 363 D: 0.5	ECE 201 (3) C: MA 261	
5 th semester 17 credits	ME 318 (3) P: ME 200, ME 251, MA 363 D: 0.5	ME 361 (3) P: ME 251 D: 1	ME 303 (2) P: CHM 115, PHYS 251 C: ME 252	ME 387 (3) P: ENGR 199, ENGR 221, ECE 201, ME 251 ME 388 (1) C: ME 387 D: 1.5	ME 293 (2) P: COM 114, ENG W131 ECE 201	General Education Elective (3) Area III
6 th semester 14 credits	ME 301 (3) P: ME 200 D: 0.5	ME 304 (1) P: ME 293, ME 303	ME 319 (1) P: ME 293, ME 318 D: 0.5	ME 321 (3) C: ME 318 D: 1	ME 369 (3) P: ME 361, ME 252, ME 303 C: ME 304 D: 1.5	ECON E201 (3) Area III
7 th semester 17 credits	ME 322 (1) P: ME 293, ME 321 C: ME 319	ME 487(3) or ENGR 410 (3) P: ME 321, ME 369 C: ME 322 D: 2.5	Technical Elective (3) D: 1	Technical Elective (3) D: 1	ME 371 (4) P: MA 363, ME 251, ME 387, ME 388 D: 1	General Education Elective (3) Area IV
8 th semester 15 credits	ME 488 (3) or ENGR 411 (3) P: ME 487 or ENGR 410 D: 3	Technical Elective (3) D: 1	Technical Elective (3)	General Education Elective (3) Area IV	General Education Elective (3) Area VI	

Revised February 2006

Total credit hours 126