BS INDUSTRIAL ENGINEERING

2009-2011 updated 03/20/09 **Units Required 196**

NAME_____

STUDENT ID_____

CONCENTRATION_____

MINOR_____

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				
		<= Units that are NOT Degree Applicable		
		<= Degree Applicable Units		

Major GPA at least 2.00 _____ [ ] YES [ ] NO

US Cultural Pluralism Met++ [ ] YES [ ] NO

60 Units Upper Division Met Taken/Remaining [ ] YES [ ] NO

GWR Met [ ] YES [ ] NO

Upper Div GE Met Taken/Remaining [ ] YES [ ] NO

**=Courses satisfy GE requirement*

Note: No Major, Support or Concentration courses may be taken credit/no credit

MAJOR COURSES (86)	*Units*	*Grade*	*GrdPts*
IME 101 Intro Indust & Mfg Engr	1		
IME 140 Graphics Comm & Modeling	2		
IME 141 Mfg Proc: Net Shape	1		
IME 144 Intro Design and Mfg	4		
IME 156 *or* 157	2		
IME 223 Process Improve Fundamentals	4		
IME 239 Indust Costs & Controls	3		
IME 301 Operations Research I	4		
IME 303 Project Organization & Mgmt	4		
IME 312 Data Mgmt & System Des	4		
IME 314 Engr Economics	3		
IME 319 Human Factors Engr	3		
IME 326 Engr Test Des & Analysis	4		
IME 405 Operations Research II	4		
IME 410 Inventory Control Syst	4		
IME 417 Supply Chain & Log Mgmt	4		
IME 420 Simulation	4		
IME 421 Mfg Organizations	3		
IME 429 Ergonomics Lab	1		
IME 430 Quality Engr	4		
IME 443 Facilities Planning & Des	4		
IME 481 Sr Project Design Lab I	2		
IME 482 Sr Project Design Lab II	3		
[1]Advisor approved technical electives	14		

SUPPORT COURSES (74)

BIO 213 ***and***	2
ENGR/BRAE 213 (B2)*	2
CE 204/ME 341	3
CHEM 124 Gen Chem/Engr Disciplines I (B3/B4)*	4
CSC 232 Computer Prog for Scientists & Engrs	3
EE 201 Electric Circuits Theory	3
EE 251 Electric Circuits Lab	1
EE 321 Electronics	3
ENGL 149 Technical Writing for Engrs (A3)*	4
MATH 141 Calculus I (B1)*	4
MATH 142 Calculus II (B1)*	4
MATH 143 Calculus III (Add'l Area B)*	4
MATH 241 Calculus IV	4
MATH 244 Linear Analysis I	4
ME 211 Engineering Statics	3
ME 212 Engineering Dynamics	3
ME 302 Thermodynamics I ***or*** MATE 210 Materials Engr *and* MATE 215 Materials Lab	3
PHYS 141 Gen Physics IA (Add'l Area B)*	4
PHYS 132 Gen Physics II	4
PHYS 133 Gen Physics III	4
PSY 201/202 General Psychology (D4)*	4
STAT 321 Prob/Stats for Engr/Scientists(B6)*	4

GENERAL EDUCATION (GE) 36

72 units required; 32 of which are specified in Support.

Refer to current schedule or http://www.ge.calpoly.edu to choose GE courses.
You will not receive credit for courses not on the approved lists.

Minimum of 8 units required at the 300 level

Area A Communication	**8**
A1 ENGL 133/134	4
A2 COMS 101/102	4
A3 Reasoning, Arg, and Writ *(4 units in Support)	0
Area B Science and Mathematics (no add'l units req'd)	
28 units are specified in Support	0
Area C Arts and Humanities	**16**
C1 Literature	4
C2 Philosophy: PHIL 230/231	4
C3 Fine/Performing Arts	4
C4 Upper-division (300-elective)	4
Area D/E Society and the Individual	**12**
D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E) *(4 units in Support)	0
Additional GE (if needed)	

- O = Work in progress
- ( ) = not allowed for degree credit
- Maximum 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification

ELECTIVES **0**

[1]Technical Electives Statement Required