



COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY
OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2011-2012

BACHELOR of SCIENCE in INDUSTRIAL ENGINEERING and MANAGEMENT

MAJOR: Industrial Engineering and Management

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)

Total Hours: 126

Other GPA requirements see below.

GENERAL EDUCATION REQUIREMENTS: 39 HOURS			MAJOR REQUIREMENTS: 66 HOURS		
Area	Hours	To be selected from:	COMMON PROFESSIONAL SCHOOL: 9 HOURS		
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.			Mathematics 3 MATH 3263		
English Composition & Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413, 3323 (Total hours for degree is based on substitution of 3323 for 1213 as per Academic Regulation 3.5)	Engineering Science 3 ENSC 3313		
American History & Government	6	HIST 1103; POLS 1113	Social & Behavioral Sciences (S) 3 SPCH 2713		
Analytical & Quantitative Thought (A)	10	MATH <u>2144</u> , <u>2153</u> , 2163	SPECIFIC PROFESSIONAL SCHOOL REQUIREMENTS: 54 HOURS		
Humanities (H)	6	Courses designated (H) at OSU.	Admitted to the Professional School of Industrial Engineering and Management. (See Professional School admission requirements in the <i>Catalog</i> .)		
Natural Sciences (N)	8	CHEM <u>1414</u> , PHYS <u>2014</u>	IEM 2903 4103		
Social & Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college & departmental requirements.	3103 4113		
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3303 4203		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	3403 4413		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	3503 4613		
COLLEGE/DEPARTMENTAL REQUIREMENTS			3523 4713		
PRE-ENGINEERING: 21 HOURS			3703 4723		
Basic Science	4	PHYS <u>2114</u>	3813 4913		
Engineering	5	ENGR 1111, 1322 or 1332, 1412	4013		
Engineering Science	12	ENSC 2113, and select from: 2123, 2143, 2213, 2613, 3213 or 3233	Select one course from:		
Humanities & Social Sciences	--	The total (H) and (S) program must satisfy ABET Accreditation criteria. Consult the college & departmental requirements.	IEM 4163 4823		
			4323 4953		
			4733 4990 (3)		
			CONTROLLED ELECTIVES: 3 HOURS		
			A 3000- or 4000-level ACCT, BADM, CS, ECON, EEE, Engineering, FIN, LSB, MATH, MGMT, MKTG, MSIS or STAT course selected in consultation with an adviser. (Required courses in the IEM curriculum are excluded.)		

Other Requirements:

Admission to professional school is required. Please refer to the OSU Catalog corresponding to your matriculation date for detailed admission requirements.
 A student must complete course work at OSU satisfying academic regulation 7.2.
 A student must complete at least 60 credit hours at a senior college.
 A minimum GPA of 2.00 is required in all course work listed in the right hand column above.
 The major engineering design experience is satisfied by IEM 4913.
 A "C" or better is required in each course that is a prerequisite for an IEM course and in technical courses in Pre-Engineering whether taken prior to admission to Professional School or not. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD