



COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY
OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2017-2018

BACHELOR of SCIENCE in INDUSTRIAL ENGINEERING and MANAGEMENT

MAJOR: Industrial Engineering and Management

Minimum Overall Grade Point Average: 2.00

Total Hours: 126

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

| GENERAL EDUCATION REQUIREMENTS: 42 HOURS | | | MAJOR REQUIREMENTS: 54 HOURS | |
|--|--------------|---|--|--|
| Area | Hours | To be selected from: | | |
| English Composition | 6 | <u>ENGL 1113 or 1313*</u> , 3323 | Mathematics | MATH 3263 |
| American History & Government | 6 | HIST 1103 (or 1483 or 1493), POLS 1113 | Engineering Science | ENSC 3313 3 hours from ENSC 2123, 2143, 2213, 2613, 3213, or 3233 |
| Analytical & Quantitative Thought (A) | 10 | <u>MATH 2144, 2153, 2163</u> | Industrial Engineering & Management | IEM 3303 IEM 3403 IEM 3503 IEM 3523 IEM 3813 IEM 4013 IEM 4103 IEM 4113 IEM 4203 IEM 4413 IEM 4613 IEM 4713 IEM 4723 IEM 4913 |
| Humanities (H) | 6 | Any courses designated (H) | | |
| Natural Sciences (N) Must include one Laboratory Science (L) course. | 8 | <u>CHEM 1414, PHYS 2014</u> | | |
| Social & Behavioral Sciences (S) | 6 | SPCH 2713 3 hours of any course designated (S) | | |
| <p>DIVERSITY (D) & INTERNATIONAL DIMENSION (I) May be completed in any part of the degree plan. At least one Diversity (D) course At least one International Dimension (I) course</p> | | | | Select 3 hours from IEM 4163, 4343, 4623, 4823, 4953, 4990 (3) |
| COLLEGE/DEPARTMENTAL REQUIREMENTS: 27 HOURS | | | ELECTIVES: 3 HOURS | |
| Basic Science | 4 | <u>PHYS 2114</u> | 3 hours of a 3000 or 4000 level ACCT, BADM, CS, ECON, EEE, Engineering, FIN, LSB, MATH, MGMT, MKTG, MSIS, or STAT selected in consultation with an advisor. Required courses in IEM curriculum are excluded. | |
| Engineering | 5 | <u>ENGR 1111, 1322 or 1332, 1412</u> | | |
| Engineering Science | 9 | <u>ENSC 2113</u> , and select from 2123, 2143, 2213, 2613, 3213, or 3233. | | |
| Industrial Engineering & Management | 9 | IEM 2903, 3103, 3703 | | |
| <p><u>Admission to Professional School (required):</u> Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.</p> | | | <p><u>Note:</u> All General Education coursework requirements are satisfied upon completion of this degree plan.</p> | |
| <p><u>Graduation Requirements:</u> 1. A minimum GPA of 2.00 is required in all courses applied to Professional School coursework (right hand column above). 2. A 'C' or better is required in each course that is a prerequisite for an IEM course and in technical courses listed, whether taken prior to admission to Professional School or not. 3. The major engineering design experience is satisfied by IEM 4913. *If a "B" or higher is not earned in ENGL 1113, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).</p> | | | | |
| <p><u>Additional State/OSU Requirements</u> – At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours. 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. Degrees that follow this plan must be completed by the end of Summer 2023.</p> | | | | |

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

DEAN

DEPARTMENT HEAD