



COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY

OKLAHOMA STATE UNIVERSITY

General Requirements for Students Matriculating in Academic Year 2012-2013

BACHELOR of SCIENCE in INDUSTRIAL ENGINEERING and MANAGEMENT

MAJOR: Industrial Engineering and Management

Total Hours: 126

Minimum Overall Grade Point Average: 2.00

(Cumulative Graduation/Retention GPA), other GPA requirements see below.

| GENERAL COURSES: 36 HOURS | | | MAJOR REQUIREMENTS/PROFESSIONAL SCHOOL | | |
|--|-------|--|--|-------|--|
| <i>Shaded courses identify courses that must be completed prior to admission to professional school.</i> | | | COMMON PROFESSIONAL SCHOOL: 15 HOURS | | |
| Area | Hours | To be selected from: | Area | Hours | To be selected from: |
| English Composition & Oral Communication | 3 | ENGL 1113 or 1313 | Engineering Science | 6 | ENSC 3313 and select from 2123, 2143, 2213, 2613, 3213 or 3233 |
| American History & Government | 6 | HIST 1103, POLS 1113 | Humanities (H) | 6 | Any courses designated (H). |
| Analytical & Quantitative Thought (A) | 13 | MATH 2144, 2153, 2163, 3263 | English Composition & Oral Communication | 3 | ENGL 3323. ENGL 1213 or 1413 may be required per Academic Regulation 3.5) |
| Natural Science (N) | 8 | CHEM 1414, PHYS 2014 | SPECIFIC PROFESSIONAL SCHOOL: 45 HOURS Admitted to Professional School of Industrial Engineering and Management. | | |
| Social & Behavioral Sciences (S) | 6 | SPCH 2713 and any course designated (S). Consult the college & departmental requirements. | Industrial Engineering & Management | 42 | IEM 3303, 3403, 3503, 3523, 3813, 4013, 4103, 4113, 4203, 4413, 4613, 4713, 4723, 4913 |
| Diversity (D) | -- | Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | | | |
| International Dimension (I) | -- | Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work. | | 3 | Select one course from: IEM 4163, 4323, 4733, 4823, 4953, 4990 (3) |
| Scientific Investigation (L) | -- | Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements. | | | |
| COLLEGE/DEPARTMENTAL REQUIREMENTS: 27 HOURS | | | CONTROLLED ELECTIVES: 3 HOURS | | |
| Basic Science | 4 | PHYS 2114 | 3 semester 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 | ENGR 1111, 1322 or 1332, 1412 | | | |
| Engineering Science | 9 | ENSC 2113 and select from 2123, 2143, 2213, 2613, 3213 or 3233 | | | |
| Industrial Engineering & Management | 9 | IEM 2903, 3103, 3703 | | | |

Admission to Professional School (required):
Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

Graduation Requirements:

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 in the left column, whether taken prior to admission to Professional School or not.
3. The major engineering design experience is satisfied by IEM 4913.
4. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as the changes do not delay graduation or result in semester hours being added.
5. Students will be held responsible for satisfying University Academic Regulations 1.1 – 7.11, as applicable.

Signature on file in the Office of the Registrar

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Department Head