



COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY
OKLAHOMA STATE UNIVERSITY

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

BACHELOR of SCIENCE in MECHANICAL ENGINEERING

MAJOR: Mechanical Engineering

Minimum Overall Grade Point Average: 2.50

Total Hours: 121

(cumulative graduation/retention GPA)

Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS: 42 HOURS			MAJOR REQUIREMENTS: 49 HOURS	
Area	Hours	To be selected from:		
English Composition	6	<u>ENGL 1113 or 1313, 1213 or 1413 (3323 may be substituted for 1213)</u> (See Academic Regulation 3.5 in Catalog)	Engineering Science	ENSC 3233, 3313
American History & Government	6	HIST 1103 (or 1483 or 1493), POLS 1113	Specific Professional School	MAE 3013 MAE 3113 MAE 3223 MAE 3233 MAE 3323 MAE 3403 MAE 3723 IEM 3503
Analytical & Quantitative Thought (A)	10	<u>MATH 2144, 2153, 2163</u>	13 hours from the following 4 categories, selecting one course from each category so that all 4 categories are represented.:	
Humanities (H)	6	Any courses designated (H)	Category I (Thermal Systems Realization) MAE 4243, 4263, 4703, 4713	
Natural Sciences (N) Must include one Laboratory Science (L) course.	8	<u>CHEM 1414 or 1515, PHYS 2014</u>	Category II (Mechanical Systems Realization) MAE 4353, 4363, 4513, 4623	
Social & Behavioral Sciences (S)	6	Any course designated (S)	Category III (Laboratory) MAE 4273, 4333, 4733	
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			Category IV (Capstone Design) MAE 4344, 4354	
COLLEGE/DEPARTMENTAL REQUIREMENTS: 30 HOURS			6 hours to be selected from the following list, or from courses in the 4 categories listed above, but not used to satisfy the category requirement. MAE 3033, 3123, 3253, 3293, 4053, 4063, 4313,	
Math and Basic Science	10	<u>MATH 2233, PHYS 2114</u> and select from: ASTR 1013, 1023, BIOL 1114, CHEM 3053, GEOL 1114, 3413, PHYS 3213, 3313, 3713		
Engineering	5	<u>ENGR 1111, 1332, 1412</u>		
Engineering Science	15	<u>ENSC 2113, 2123, 2143, 2213, 2613</u>		
<u>Admission to Professional School (required):</u> Refer to the OSU Catalog corresponding to your matriculation date for detailed admissions requirements.			<u>Note 1:</u> All General Education coursework requirements are satisfied upon completion of this degree plan.	
<u>Graduation Requirements:</u> 1. A minimum GPA of 2.50 is required in all MAE prefix Courses. 2. A minimum overall GPA of 2.50 is required in 4000-level MAE prefix courses. 3. A 'C' or better is required in each course that is a prerequisite for a major course taken. 4. The major engineering design experience, capstone course, is satisfied by MAE 4344 or MAE 4354.				
<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.				

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD