



OKLAHOMA STATE UNIVERSITY

COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY

GENERAL REQUIREMENTS FOR STUDENTS MATRICULATING IN ACADEMIC YEAR: 2008-2009

BACHELOR OF SCIENCE IN BIOSYSTEMS ENGINEERING

MAJOR BIOSYSTEMS ENGINEERING OPTION BIOMECHANICAL

MINIMUM OVERALL GRADE-POINT AVERAGE: 2.00 TOTAL HOURS: 133
Other GPA requirements, see below.

GENERAL EDUCATION REQUIREMENTS <u>38</u> HOURS			MAJOR REQUIREMENTS <u>68</u> HOURS																				
Area	Hours	To Be Selected From	COMMON PROFESSIONAL SCHOOL <u>46</u> HOURS																				
Underlined courses below are Pre-Engineering requirements used simultaneously to meet General Education requirements.			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Mathematics</td> <td style="width: 10%;">3</td> <td style="width: 60%;">STAT 4073</td> </tr> <tr> <td>Engineering Science</td> <td>3</td> <td>ENSC 3233</td> </tr> <tr> <td>Basic Science</td> <td>4</td> <td>BIOL 1114</td> </tr> <tr> <td>Engineering Economics</td> <td>3</td> <td>IEM 3503</td> </tr> <tr> <td>Biosystems Engineering</td> <td>30</td> <td>BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023</td> </tr> <tr> <td>Social and Behavioral Sciences (S)</td> <td>3</td> <td>Any course designated (S) at OSU. Consult college and departmental requirements.</td> </tr> </table>			Mathematics	3	STAT 4073	Engineering Science	3	ENSC 3233	Basic Science	4	BIOL 1114	Engineering Economics	3	IEM 3503	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023	Social and Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult college and departmental requirements.
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Social and Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult college and departmental requirements.																					
English Composition and Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413.																					
American History and Government	6	HIST 1103; POLS 1113																					
Analytical and Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233																					
Humanities (H)	6	Any course designated (H) at OSU. Consult the college and departmental requirements.																					
Natural Sciences (N)	4	CHEM <u>1414</u>																					
Social and Behavioral Sciences (S)	3	Any course designated (S) at OSU. Consult the college and departmental requirements.																					
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.																					
Scientific Investigation (L)	-	Any course designated (L). Normally met by Natural Science and/or Basic Science requirements.																					
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING <u>27</u> HOURS			SPECIFIC OPTION REQUIREMENTS <u>22</u> HOURS																				
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Other 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 2.00 GPA is required in all course work listed in the right hand column above.

A "C" or better is required for all courses that are prerequisite to BAE courses.

Students will be held responsible for degree requirements in effect at the time of matriculation (date of first enrollment) 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.

Kenn N. Reed

DEAN

Ronald L. Clift

DEPARTMENT HEAD