



OKLAHOMA STATE UNIVERSITY

COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY

GENERAL REQUIREMENTS FOR STUDENTS MATRICULATING IN ACADEMIC YEAR: 2007-2008

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>41</u> HOURS			MAJOR REQUIREMENTS <u>65</u> HOURS																	
Area	Hours	To Be Selected From	COMMON PROFESSIONAL SCHOOL <u>43</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 <u>1114</u></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> </table>			Mathematics	3	STAT 4073	Engineering Science	3	ENSC 3233	Basic Science	4	BIOL <u>1114</u>	Engineering Economics	3	IEM 3503	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
Mathematics	3	STAT 4073																		
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Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023																		
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)	6	Any courses designated (S) at OSU. Consult the college and departmental requirements.																		
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																	
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	Admitted to the Professional School of Biosystems Engineering. (See Professional School Admission Requirements in the catalog)																	
Engineering	4	ENGR 1332, 1412	Biosystems Engineering	4	BAE 4224															
Engineering Science	15	ENSC <u>2113</u> , 2123, 2143, 2213, 2613	Material Science	3	ENSC 3313															
			Controlled Electives	15	Engineering and/or science electives to be selected from an approved list upon consultation with an adviser. At least 6 credit hours must be from engineering electives..															

Other Requirements:

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 at first enrollment) & any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

DEAN

DEPARTMENT HEAD