



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 FOOD PROCESSING

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.					
English Composition and Oral Communication	6	ENGL <u>1113</u> or <u>1313</u> and <u>1213</u> or <u>1413</u> .	Mathematics	3	STAT <u>4073</u>
American History and Government	6	HIST <u>1103</u> ; POLS <u>1113</u>	Engineering Science	3	ENSC <u>3233</u>
Analytical and Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , <u>2163</u> , <u>2233</u>	Basic Science	4	BIOL <u>1114</u>
Humanities (H)	6	Courses designated (H) at OSU. Consult the college and departmental requirements.	Engineering Economics	3	IEM <u>3503</u>
Natural Sciences (N)	4	CHEM <u>1414</u>	Biosystems Engineering	30	BAE <u>1012</u> , <u>1022</u> , <u>2012</u> , <u>2023</u> , <u>3013</u> , <u>3023</u> , <u>3113</u> , <u>3213</u> , <u>3313</u> , <u>4001</u> , <u>4012</u> , <u>4023</u>
Social and Behavioral Sciences (S)	6	Courses designated (S) at OSU. Consult the college and departmental requirements.	SPECIFIC OPTION REQUIREMENTS <u>22</u> HOURS		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Admitted to the Professional School of Biosystems Engineering. (See Professional School Admission Requirements in the Catalog)		
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Science and/or Basic Science requirements.	Biosystems Engineering	3	BAE <u>4413</u>
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING <u>27</u> HOURS			Organic Chemistry	3	CHEM <u>3053</u>
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	Microbiology	5	MICR <u>2123</u> , <u>2132</u>
Engineering	4	ENGR <u>1322</u> , <u>1412</u>	Controlled Electives	11	Engineering and/or science electives to be selected from an approved list upon consultation with an adviser. At least 3 credit hours must be from engineering electives.
Engineering Science	15	ENSC <u>2113</u> , <u>2123</u> , <u>2143</u> , <u>2213</u> , <u>2613</u>			

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 _____