



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 FOOD PROCESSING

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.			Mathematics		
English Composition and Oral Communication	6	ENGL <u>1113</u> or 1313 and 1213 or 1413.	3	STAT 4073	
American History and Government	6	HIST 1103; POLS 1113	Engineering Science		
Analytical and Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	3	ENSC 3233	
Humanities (H)	6	Courses designated (H) at OSU. Consult the college and departmental requirements.	Basic Science		
Natural Sciences (N)	4	CHEM <u>1414</u>	4	BIOL <u>1114</u>	
Social and Behavioral Sciences (S)	3	Course designated (S) at OSU. Consult the college and departmental requirements.	3	IEM 3503	
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Biosystems Engineering		
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	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>	
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Science and/or Basic Science requirements.	Social and Behavioral Sciences (S)		
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING <u>27</u> HOURS			3	Any course designated (S) at OSU. Consult the college and departmental requirements.	
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>	SPECIFIC OPTION REQUIREMENTS <u>22</u> HOURS		
Engineering	4	ENGR 1322, 1412	Admitted to the Professional School of Biosystems Engineering. (See Professional School Admission Requirements in the Catalog)		
Engineering Science	15	ENSC <u>2113</u> , 2123, 2143, 2213, 2613	Biosystems Engineering		
			3	BAE 4413	
			Organic Chemistry		
			3	CHEM 3053	
			Microbiology		
			5	MICR 2123, 2132	
			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.	

Other Requirements:

- A student must complete course work at OSU satisfying academic regulation 7.2.
- A student must complete at least 60 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.

Karl N. Reed
DEAN

Ronald J. Elliott
DEPARTMENT HEAD