



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 ENVIRONMENT AND NATURAL RESOURCES

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	3	STAT 4073
English Composition and Oral Communication	6	ENGL 1113 or 1313, 1213 or 1413.	Engineering Science	3	ENSC 3233
American History and Government	6	HIST 1103; POLS 1113	Basic Science	4	BIOL <u>1114</u>
Analytical and Quantitative Thought (A)	13	MATH <u>2144</u> , <u>2153</u> , 2163, 2233	Engineering Economics	3	IEM 3503
Humanities (H)	6	Any course designated (H) at OSU. Consult the college and departmental requirements.	Biosystems Engineering	30	BAE 1012, 1022, 2012, 2023, 3013, 3023, 3113, 3213, 3313, 4001, 4012, 4023
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.
Social and Behavioral Sciences (S)	3	Any courses designated (S) at OSU. Consult the college and departmental requirements.	SPECIFIC OPTION REQUIREMENTS <u>22</u> HOURS		
Diversity (D)	-	Any course designated (D). Students are encouraged to meet the requirements in their selection of (H) and (S) course work.	Admitted to the Professional School of Biosystems Engineering. (See Professional School Admission Requirements in the Catalog)		
International Dimension (I)	-	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.	Biosystems Engineering	3	BAE 4313
Scientific Investigation (L)	-	Any course designated (L). Normally met by Natural Science and/or Basic Science requirements.	Soil Science	4	SOIL <u>2124</u>
COLLEGE/DEPARTMENTAL REQUIREMENTS PRE-ENGINEERING <u>27</u> HOURS			Controlled Electives	15	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.
Basic Science	8	PHYS <u>2014</u> , <u>2114</u>			
Engineering	4	ENGR 1322, 1412			
Engineering Science	15	ENSC <u>2113</u> , 2123, 2143, 2213, 2613			

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 M. Reid

 DEAN

Ronald L. Elliott

 DEPARTMENT HEAD