

OKLAHOMA STATE UNIVERSITY

GENERAL REQUIREMENTS

COLLEGE OF

AGRICULTURAL SCIENCES AND
NATURAL RESOURCES

For students matriculating:

Academic Year 2004-2005

BACHELOR OF SCIENCE IN AGRICULTURAL
SCIENCES AND NATURAL RESOURCES
DEGREE

Total hours 120

BIOCHEMISTRY AND MOLECULAR BIOLOGY
MAJOR

Minimum overall grade-point average 2.00

Other GPA requirements, see below.

General Education Requirements 38 Hours

Area	Hrs	To Be Selected From
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)	6	MATH 2144* (or 2123*) and 2153 (or 2133)
Humanities (H)	6	Any courses designated (H); must include one lower-division course
Natural Sciences (N)	8	CHEM 1314; PHYS 1114* (or 2014*)
Social and Behavioral Sciences (S)	6	AGEC 1114* and any course designated (S)
International Dimension (I)	--	Any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)

* College and Departmental Requirements that may be used to meet General Education requirements.

College/Departmental Requirements 33 Hours

Agricultural Courses	5	AG 1011 and two courses from the following: Animal Science, Plant Science, and Soil Science (If courses used under major requirement, hours in this area are 1).
Additional Requirements	28	BIOL 1114; CHEM 1515; ENGL 3323; MICR 2125; PHYS 1214 (or 2114); SPCH 2713; ZOOL 1604 (and/or BOT 1404)

Major Requirements 45 Hours

Core Courses		Hours
Core Courses		<u>45</u> Hours
BIOC	3653, 3723, 4113, 4224 (or CHEM 3434)	
BIOC	4990 (2 hrs)	
CHEM	3053, 3112, 3153	
<u>22 hrs from the following (or related courses with adviser's approval)</u>		
ANSI	3543	
BIOC	3753, 5853	
BIOC	4990	
BIOL	3024 (or PLNT 3554 or ANSI 3423), 3034	
CHEM	2113, 2122, 3532, 3553, 4020 (4 hrs), 4320 (3hrs)	
CS	3000 level or above	
MATH	2233, 3013	
MICR	3224, 3254, 4123, 5203	
STAT	4013	
ZOOL	3115, 3204, 4215, 5203	

Electives 4 Hours

Hours to complete required total.	
Recommended courses include:	
ANSI	1124
CS	1103
LSB	3213
PHIL	3833, 4713, 4013
PSYC	1113
SOC	1113

Other Requirements:
A minimum of 40 semester credit hrs and 100 grade pts must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
Students will be held responsible for degree requirements in effect at the time of matriculation (date of 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

AG-30


DEPARTMENT HEAD