

OKLAHOMA STATE UNIVERSITY

GENERAL REQUIREMENTS

COLLEGE OF

AGRICULTURAL SCIENCES AND
NATURAL RESOURCES

For students matriculating:

Academic Year 2005-2006

BACHELOR OF SCIENCES AND NATURAL RESOURCE DEGREE

Total hours 120

BIOCHEMISTRY AND MOLECULAR BIOLOGY
MAJOR

Minimum overall grade-point average 2.00

Other GPA requirements, see below.

General Education Requirements <u>39</u> Hours		
Area	Hrs	To Be Selected From
English Composition and Oral Communication	6	ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulations 3.5 in Catalog.)
American History and Government	6	HIST 1103; POLS 1113
Analytical and Quantitative Thought (A)	7	MATH 2144* and 2153
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 <u>34</u> 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	29	BIOL 1114; CHEM 1515; ENGL 3323; MICR 2125; PHYS 1214 (or 2114); SPCH 2713; ZOOL 1604 (BIOC 1991 or BOT 1404)

Major Requirements <u>40</u> Hours	
BIOC	3653, 3723, 4113, 4224 (or CHEM 3434)
BIOC	4990 (2 hrs)
BIOL	3024 (or ANSI 3423 or PLNT 3554)
CHEM	2113, 3053, 3112, 3153
At least one course from: BOT 3463, ENTO 3043, ZOOL 3204, 4215	
Hours from the following (or related courses with advisor's approval) to total 40 hours:	
ANSI	3543 (required for pre-vet students)
BIOC	5753, 5853
BIOC	1991, 2101, 4990*
BIOL	3034
BOT	3460
CHEM	2122, 3353, 4020, 4320
CLML	4113, 4253, 4264, 4273
MATH	2163, 2233, 3013
MICR	3224, 3254, 4123, 4133, 4134, 4214, 4323
PHYS	4313
STAT	4013
ZOOL	3114, 4134, 4222, 4243, 4253, 4283
NOTE: Total from BIOC 1991 and 4990 may not exceed 10 hours.	
Electives <u>7</u> Hours	
Hours to complete required total.	

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