



OKLAHOMA STATE UNIVERSITY

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

GENERAL REQUIREMENTS FOR STUDENTS MATRICULATING IN ACADEMIC YEAR: 2007-2008

BACHELOR OF SCIENCE IN AGRICULTURAL SCIENCES AND NATURAL RESOURCES

MAJOR BIOCHEMISTRY AND MOLECULAR BIOLOGY

OPTION PREMEDICAL OR PREVETERINARY SCIENCE

MINIMUM OVERALL GRADE-POINT AVERAGE: 2.00 TOTAL HOURS 120

OTHER GPA REQUIREMENTS, SEE BELOW.

GENERAL EDUCATION REQUIREMENTS <u>39</u> HOURS			MAJOR REQUIREMENTS <u>40</u> HOURS	
Area	Hours	To Be Selected From	Core Courses <u>14</u> Hours	
English Composition and Oral Communication	6	ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulation 3.5 in Catalog.)	Required for Options 1 & 2	
American History and Government	6	HIST 1103; POLS 1113	BIOC 3653, 3723 CHEM 3053, 3112, 3153	
Analytical and Quantitative Thought (A)	7	MATH 2144* and 2153*	Choose Option 1 or Option 2	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Option 1: With the approval of the adviser, department head, and dean, hours of basic sciences from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school to total 40 hours.	
Natural Sciences (N)	8	CHEM 1314; PHYS 1114* (or 2014*)	Option 2: BIOC 4113 BIOL 3023 (or ANSI 3423 or PLNT 3554)	
Social and Behavioral Sciences (S)	6	AGEC 1114* and any course designated (S).	At least one course chosen from: BOT 3463, ENTO 3043, ZOO 3204, 4215 Hours from the following (or related courses with advisor's approval) to total 40 hours	
International Dimension (I)	--	Any course designated (I).	ANSI 3543 (Required for Prevet Students) BIOC 1990*, 2101, 4224 (or CHEM 3434), 4990*, 5753, 5853	
Scientific Investigation (L)	--	Any course designated (L).	BIOL 3034 BOT 3462 CHEM 2113, 2122, 3353, 4020 (1-5 hours), 4320 (1-3 hours) CLML 4113, 4253, 4264, 4273	
* College and Departmental Requirements that may be used to meet General Education requirements.			MATH 2163, 2233, 3013 MICR 3224, 3254, 4123, 4133, 4134, 4214, 4323 PHYS 4313 STAT 4013 ZOO 3114, 4134, 4222, 4243, 4273, 4283	
COLLEGE/DEPARTMENTAL REQUIREMENTS <u>33</u> HOURS			ELECTIVES <u>8</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.)	*Note: Total from BIOC 1990 and 4990 may not exceed 10 hours.	
Additional Requirements	28	BIOL 1114; CHEM 1515; ENGL 3323; MICR 2123 and MICR 2132; PHYS 1214 (or 2114); SPCH 2713; ZOO 1604 (or BOT 1404)	Hours to complete required total.	

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points 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 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