



# EASTERN KENTUCKY UNIVERSITY

## *College of Business & Technology*

### SEQUENCE OF COURSES FOR THE 3-YEAR PRE-VET PROGRAM - Fall 2009

This sequence of courses is designed to meet the entrance requirements for the School of Veterinary Medicine at Auburn University. Students may apply in the fall of their Junior year at Eastern. If accepted, the first year at Auburn may transfer back to Eastern enabling the student to earn a B.S. Degree if all general education requirements are met.

#### Freshman (1<sup>st</sup> Semester) 15 hrs

BTO 100 Orientation\* (1 hr)  
 AGR 125 Principles of Animal Science  
 AGR 126 Animal Science Lab (1 hr)  
 Block I-A ENG 101 English I\*  
 Block II MAT 107 College Algebra\*  
 Block IV-B CHE 111 Chemistry I  
 Block IV-B CHE 115 Chemistry I Lab (1 hr)

#### Sophomore (1<sup>st</sup> Semester) 15 hrs

AGR 321 Feeds & Feeding (4 hrs)  
 BIO 141 Zoology (4 hrs)  
 CHI 361 Organic Chemistry I  
 CHE 366 Organic I Lab (1 hr)  
 Block III-A Art

#### Junior (1<sup>st</sup> Semester) 17 hrs

Block III-B ENG 211 or 212 Literature\*  
 Block VIII Physics (5 hrs)  
 Block VII-AH Breadth of Knowledge\*  
 Block V-C History or Social Science\*  
 Science Elective (3 hrs)\*\*

#### Freshman (2<sup>nd</sup> Semester) 17 hrs

Block IV-A BIO 121 Biology (4 hrs)  
 CHE 112 Chemistry II  
 CHE 116 Chemistry Lab (1 hr)  
 Block II-B ENG 102 English II\*  
 Block I-C Communication  
 Block VI Wellness

#### Sophomore (2<sup>nd</sup> Semester) 16 hrs

CHE 362 Organic Chemistry II  
 CHE 367 Organic II Lab (1 hr)  
 Block V-B Eco 230 Economics\*  
 Block III Humanities  
 Block V-A History  
 Block VII-SBS Breadth of Knowledge

#### Junior (1<sup>st</sup> Semester) 17 hrs

AGR 421 Animal Nutrition  
 AGR 372a Feeds & Feeding Lab (1 hr)  
 AGR 305 Professional Skills Seminar (1 hr)  
 MAT 261 Calculus\*  
 Block VIII PHY 132 Physics II (5 hrs)  
 Science Elective (3 hrs)\*\*  
 BTS 300 Business & Technology Seminar (0 credit)\*\*\*

\*Auburn waves these courses for students applying to start Veterinary School with a Bachelor Degree.

\*\*\*BTS300 must be taken the spring semester junior year.

#### \*\*RECOMMENDED SCIENCE ELECTIVES FOR AUBURN

AGR 321 Feeds & Feeding (4 hrs)	AGR 376 Anatomy & Physiology (3 hrs)
AGR 373 Animal Diseases (3 hrs)	BIO 315 Genetics (4 hrs)
AGR 374 Livestock Genetics (3 hrs)	BIO 320 Microbiology (4 hrs)
AGR 375 Reproduction and AI (3 hrs)	BIO 348 Physiology (4 hrs)

#### REQUIREMENTS AT AUBURN FOR STUDENTS WITH A BACHELORS DEGREE

AGR 421 Animal Nutrition (3 hrs)	CHE 111 Intro Chemistry I (4 hrs)
AGR 372A Feeds & Feeding Lab (1 hr)	CHE 112 Intro Chemistry II (4 hrs)
BIO 121 Principles of Biology (4 hrs)	CHE 361 Organic Chemistry (3 hrs)
BIO 141 General Zoology (4 hrs)	CHE 366 Organic Lab I (1 hr)
PHY 131 Physics I (5 hrs)	CHE 362 Organic Chemistry II (3 hrs)
PHY 132 Physics II (5 hrs)	CHE 367 Organic Lab II (1 hr)
	Science Electives from recommended electives (6 hrs)



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### SEQUENCE OF COURSES FOR THE 3-YEAR PRE-VET PROGRAM - Fall 2009

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#### STUDENTS NOT ACCEPTED AT AUBURN AFTER THEIR JUNIOR YEAR

These students may continue for a Bachelors Degree. Because of the courses in Pre-Vet Curriculum most students continue in either Agriculture, Biology or Chemistry, although a degree in any major is possible. In fact many students do not get into Auburn after their Junior year and reapply a second and sometimes third time.

#### ALTERNATE CAREERS OTHER THAN VETERINARY MEDICINE

CAREER	DESCRIPTION
Graduate School	Because of the type of courses in the Pre-Veterinary program students are often qualify for graduate studies in: Animal Science Biology Genetics Nutrition Microbiology Reproduction Other Basic Sciences
Laboratory Technician	Assist in the collection and analysis or research data for government, university and private laboratories.
Pharmaceutical Sales	Marketing and distribution of Veterinary Medical supplies.

#### TIPS FOR SUCCESS IN THE PRE-VETERINARY PROGRAM

- Attend all lectures and laboratories.
- Dedicate yourself to getting good grades. Veterinary School is competitive. Good Grades will give you a competitive edge. A GPA of over a 3.4 will give your that competitive edge.
- Get experience working with a Veterinarian. Their reference will be invaluable in assisting you in acceptance at Auburn.
- Get involved in the Pre-Vet Club & other campus activities.

#### FOR MORE INFORMATION CONTACT:

##### Department of Agriculture

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