



PRE-VETERINARY MEDICINE



EASTERN KENTUCKY UNIVERSITY

SEQUENCE OF COURSES FOR THE 3-YEAR PRE-VET PROGRAM

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.

FALL SEMESTER

FRESHMAN

BTO 100	Orientation*	1
AGR 125	Animal Science	3
AGR 126	Animal Science Lab.	1
ENG 101	English I*.....Block I-A	3
MAT107	Algebra*.....Block II	3
CHE 111	Chemistry I.....Block IV-B	3
CHE 115	Chemistry Lab...Block IV-B	<u>1</u>
		15

SOPHOMORE

AGR 321	Feeds & Feeding	4
BIO 141	Zoology	4
CHE 361	Organic Chemistry I	3
CHE 366	Organic I Laboratory	1
Block III-A	Art	<u>3</u>
		17

JUNIOR

ENG 211 or 212	Literature*..Block III-B	3
PHY 131	Physics I.....Block VIII	5
Block VII-AH	Breath of Knowledge*	3
Block V-C	History or Social Science*	3
Science Elective**		<u>3</u>
		17

SPRING SEMESTER

BIO 121	Biology.....	Block IV-A	4
CHE 112	Chemistry II		3
CHE 116	Chemistry Lab		1
ENG 102	English II*.....Block II-B		3
Block I-C	Communication		3
Block VI	Wellness		<u>3</u>
			17

CHE 362	Organic Chem. II	3
CHE 367	Organic II Laboratory	1
ECO 230	Economics*.....Block V-B	3
Block III	Humanities	3
Block V-A	History	3
Block VII-SBS	Breath of Knowledge	<u>3</u>
		16

AGR 421	Animal Nutrition	3
AGR 372a	Feeds & Feeding Lab.	1
AGR 305	Professional Skills Seminar	1
MAT 261	Calculus*	3
PHY 132	Physics II.....Block VIII	5
Science Elective.**		3
BTS 300 ⁺⁺		<u>0</u>
		16

⁺⁺ BTS 300 must be taken the spring semester junior year.

* Auburn waves these course for students applying to start Veterinary School with a Bachelor Degree. The student must meet all General Education requirements at Eastern Kentucky University.

****RECOMMENDED SCIENCE ELECTIVES FOR AUBURN:**

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

REQUIREMENTS AT AUBURN FOR STUDENTS WITH A BACHELORS DEGREE

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

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

<u>CAREER</u>	<u>DESCRIPTION</u>
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:

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