



SOILS OPTION



IN

AGRICULTURE

TYPICAL SEQUENCE OF COURSES FOR A BACHELORS DEGREE AREA MAJOR

FALL SEMESTER

FRESHMAN

BTO 100	Orientation	1
AGR 125	Animal Science	3
AGR 126	Animal Science Lab	1
AGR 130	Agronomy	3
AGR 131	Agronomy Lab	1
ENG 101	English I.....Block I-A	3
MAT 105	Math (or Higher).....Block II	3
		15

SOPHOMORE

AGR 215	Soils	3
AGR 308	Agribusiness	3
AGR 301/302 or 349	Directed Work or Co-op	1
Block III-C	Humanities	3
Block VI	Wellness	3
Free Elective		3
		16

JUNIOR

AGR 317	Soil Classification & Morphology	2
AGR/OHO	Elective*	3
ACC 201	Accounting	3
Block I-C	Communications	3
Block V-C	History or Social Sciences	3
Block VII	Breadth of Knowledge	3
University Writing Requirement		0
		17

SENIOR

AGR 304	Pest Management	4
AGR 416	Soil Fertility	3
AGR 301/302 or 349	Directed Work or Co-op	3
AGR/OHO	Elective*	3
Block VIII	Depth of Knowledge	3
		16

SPRING SEMESTER

AGR 210	Agricultural Measurements	2
AGR 213	Agricultural Mechanics	4
ENG 102	English II.....Block I-B	3
CHE 101	Chemistry.....Block IV-B	3
CHE 107	Chemistry Lab.....Block IV-B	1
ECO 230	Economics.....Block V-B	3
		16

AGR 315	Soils Lab	2
AGR 318	Soil/ Water Conservation	3
AGR/OHO	Elective*	3
BIO 121	Biology.....Block IV-A	4
Block III-A	Art	3
Free Elective		2
		17

AGR 340	Conservation of Agr. Resources	3
AGR 312 or AGR 345	Forages or Sustainable Agriculture	3
AGR 305	Professional Skills Seminar	1
AGR/OHO	Elective*	3
CIS 212, CSC 104, or CCT 201.....Block VII		3
Free Elective		3
BTS 300 ⁺⁺		0
		16

AGR 310 or 350	Agribus. Mgt. or Marketing	3
AGR 411	Senior Seminar	1
Block V-A	History	3
Block VIII	Depth of Knowledge	3
Free Elective		5
BTS 400 ⁺⁺		0
		15

⁺⁺ BTS 300 and 400 must be taken the spring semester junior and senior years, respectively.

*Agriculture electives may be either AGR or OHO but must be upper division (>300).

Eastern Kentucky University requires a minimum of 128 credit hours with at least 43 hours being upper division. Consult University Catalog for general education requirements and specific course numbers.

AGR Electives = 12 Credits

Free Electives = 13 Credits

SUGGESTED ELECTIVE COURSES IN SOILS

AGR 327 Beef Production	AGR 250 Horse Production and Management
AGR 362 Hydraulic Systems	AGR 321 Feeds & Feeding
AGR 272 Agricultural Machinery & Safety	AGR 330 Meat Id. & Consumer Evaluation
AGR 374 Genetics of Livestock Improvement	AGR 332 Poultry Production and Management
AGR 376 Anatomy and Physiology	AGR 373 Animal Diseases
AGR 421 Animal Nutrition	AGR 350 Agricultural Marketing
AGR 440 Agricultural Financing	AGR 383 Diesel Power Systems
AGR 375 Reproduction and A.I.	AGR 380 Dairy Cattle Management
AGR 409 Ag Records	AGR 440 Ag Finance

POTENTIAL EMPLOYMENT OPPORTUNITIES WITH A B.S. IN SOILS

<u>CAREER</u>	<u>DESCRIPTION</u>	<u>SALARY</u>
Environmental Educator	Teaching Natural History in the Field and Classroom as a Naturalist.	\$ 30,000+
Soil Conservationist	State, Federal, and Private Land Manager of Natural Resources.	\$ 30,000+
Water Quality Specialist	Monitoring and Research into Water Quality Programs.	\$ 30,000+
Environmental Resource Agent	Monitoring and Research into Water Quality Programs.	\$ 30,000+
Mining Reclamation Specialist	State Reclamation of Abandoned Mining Sites.	\$ 35,000+
Laboratory Specialist	Assisting in the Design and Implementation of Research Experiments.	\$ 30,000+
Soil Scientist	State, Federal, and Private Land Manager of Natural Resources.	\$ 60,000+

FOR MORE INFORMATION

Department of Agriculture
 A.B. Carter Building
 Eastern Kentucky University
 Richmond, KY 40475
 (859) 622- 2228
www.agriculture.eku.edu