

# Agricultural Education (BS): Animal Science (11AGEDBS-11AGEDANS)

## Freshman Year

Fall Semester	Credit	Spring Semester	Credit
AEE 101, Intro to CTE <sup>8</sup>	1	AEE 226 Comp. Appl. & Info Technology <sup>7</sup>	3
AEE 103, Foundations of AEE <sup>1</sup>	1	ANS 150 Intro to Animal Science	3
BIO 181, Introductory Biology – ECO /DIV <sup>B</sup>	4	ANS 151 Intro to Animal Science lab	1
COM 110, Public Speaking	3	BIO 183 Intro Biology-Cell/Molecular <sup>B</sup>	4
ENG 101 Academic Writing and Research <sup>H</sup>	4	GEP Mathematical Sci. Elective <sup>A</sup>	3
GEP Mathematical Sci. Elective <sup>A</sup>	3	HES_*** Health & Exercise Studies Course <sup>E</sup>	1
HES_*** Health & Exercise Studies Course <sup>E</sup>	1		
	17		15

## Sophomore Year

Fall Semester	Credit	Spring Semester	Credit
AEE 206 Intro to Teaching Agriculture <sup>8</sup>	3	CH 101, Chemistry—A Molecular Sci <sup>B</sup>	3
ANS 225 Principles of Animal Nutrition or ANS 230 Nutrition of Domestic Animals	3	CH 102, General Chemistry Lab <sup>B</sup>	1
AES 201, Shop Processes & Mgmt or TDE 110, Materials and Processes Tech	3	Animal Science Elective	3
Economics Elective <sup>2</sup>	3	GEP Addit. Breadth: Math/Nat Sci. Elect <sup>F</sup>	3
GEP Humanities Elective <sup>C</sup>	3	Plant Science Elective <sup>3</sup>	3
		Humanities Elective <sup>C</sup>	3
	15		16

## Junior Year

Fall Semester	Credit	Spring Semester	Credit
AEE 322 Experiential Learning in Agric <sup>8</sup>	3	AEE 303 Admin and Super of Student Org. <sup>8</sup>	3
ANS 215 Basic Agricultural Genetics or GN 301 Genetics in Human Affairs	3	AEE 326 Teach Diverse Learners in Agric. <sup>8</sup>	3
EDP 304 Educational Psychology <sup>8</sup>	3	ELP 344 School and Society <sup>8</sup>	3
SSC 200 Soil Science	3	Animal Sci. Management Elective <sup>5</sup>	3
SSC 201 Soil Science Lab	1	Animal Sci. Selection Elective <sup>6</sup>	2
Interdis. Persp. GEP Elective <sup>G</sup>	2		
	15		14

## Senior Year

Fall Semester	Credit	Spring Semester	Credit
AEE 327 Conducting Summer Prog in AED	1	AEE 424 Planning Agricultural Educ. Prog. <sup>7</sup>	3
AEE 426 Methods of Teaching Agriculture <sup>7</sup>	3	AEE 427 Student Teaching in Agriculture <sup>7</sup>	8
Animal Sci. Management Elective <sup>4</sup>	3	AEE 491 Seminar in Agricultural Education <sup>8</sup>	1
Interdis. Persp. GEP Elective <sup>G</sup>	3		
ED 311 Classroom Assessment <sup>8</sup>	2		
ED 312 Classroom Assessment Lab <sup>8</sup>	1		
Free Electives <sup>7</sup>	3		
	16		12

Minimum Credit Hours Required for Graduation\*<sup>I,J,K</sup>:

120

## Major/Program Footnotes

1. Incoming Freshmen complete AEE 103. Transfer students may complete ALS 103 or ALS 303.
2. Select from ARE 201, EC 201, or EC 205. Satisfies 3 credit hours of the Social Science GEP requirement.
3. Select from courses in Crop Science, Forestry, or Horticultural Science.
4. Select from Group C electives in Agriculture or ARE courses.
5. Select from ANS 400, ANS 402, ANS 403, ANS 404, ANS 408, and ANS 410.
6. Select from ANS 205, ANS 303, ANS 304, ANS 309.
7. Total hours of free electives vary in order to allow the minimum hours required for the degree to equal 120 credit hours.
8. A minimum grade of C is required for teacher licensure.

### \* General Education Program (GEP) requirements and GEP Footnotes

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied. University approved GEP course lists for each of the following categories can be found at <https://oucc.dasa.ncsu.edu/general-education-program-gep/gep-category-requirements/>

#### **A. Mathematical Sciences** (6 credit hours – one course with MA or ST prefix)

*Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **none.***

#### **B. Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)

*Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **BIO 181, BIO 183, CH 101, CH 102***

#### **C. Humanities** (6 credit hours selected from two different disciplines/course prefixes)

*Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **none.** Some of the courses in this category will fulfill the US Diversity & Global Knowledge co-requisites.*

#### **D. Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)

*Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **ARE 201 or EC 201, or EC 205.** Some courses in this category will fulfill the US Diversity & Global Knowledge co-requisite.*

#### **E. Health & Exercise Studies** (2 credit hours – at least one 100-level Health & Exercise Studies Course)

*Choose from the University approved GEP Health & Exercise Studies course list.*

#### **F. Additional Breadth** - (3 credit hours to be selected from the following checked University approved GEP course lists)

    Humanities/Social Sciences/Visual and Performing Arts or   **X**   Mathematical Sciences/Natural Sciences/Engineering

#### **G. Interdisciplinary Perspectives** (5-6 credit hours)

*Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **none.***

#### **H. Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

#### **I. U.S. Diversity** (USD)

*Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **none***

#### **J. Global Knowledge** (GK)

*Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **none***

#### **K. Foreign Language proficiency** - Proficiency at the FL\_102 level is required for graduation.

