

DEPARTMENT OF ANIMAL SCIENCE

Major in Animal Science

Check Sheet for Animal Enterprise (ANET) Concentration

2023-2024

Name:

I.D. Number:

Advisor:

University Requirements: 1 hour²

- ☐ UNIV 1001 University Perspectives

English/ Communications: 12 hours

- ☐ ENGL 1013 Composition I
☐ ENGL 1023 Composition II

Choose 6 hours Communication Intensive Electives:²

Check for completion	Course I. D.:	Course Name:
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US History or Government: 3 hours

- ☐ HIST 2003 **OR** HIST 2013 **OR** PLSC 2003

Mathematics: 3 hours

- ☐ MATH 1203 College Algebra

Biological Sciences: 8 hours

- ☐ BIOL 1543 Principles of Biology
☐ BIOL 1541L Principles of Biology Lab
☐ BIOL 2013 General Microbiology
☐ BIOL 2011L General Microbiology Lab **OR**
☐ ANSC 2413 Domestic Animal Microbiology
☐ ANSC 2411L Domestic Animal Microbiology Lab

Chemical and Physical Sciences: 8 hours

- ☐ CHEM 1073 Fundamentals of Chemistry
☐ CHEM 1071L Fundamentals of Chemistry Lab **OR**
☐ CHEM 1103 University Chemistry I
☐ CHEM 1101L University Chemistry I Lab
Choose one lecture/lab from the following:
☐ CHEM 1123 University Chemistry II
☐ CHEM 1121L University Chemistry II Lab
☐ CHEM 2613 Organic Physiological Chemistry
☐ CHEM 2611L Organic Physiological Chemistry Lab
☐ CHEM 3603 Organic Chemistry I
☐ CHEM 3601L Organic Chemistry I Lab
☐ ENSC 1003 Environmental Science
☐ ENSC 1001L Environmental Science Lab
☐ ENTO 1023 Insects, Science and Society
☐ ENTO 1021L Insects, Science and Society Lab
☐ PHYS 2013 College Physics I
☐ PHYS 2011L College Physics I Lab

Fine Arts/Humanities: 6 hours

Choose 3 hours from Fine Arts and 3 hours from Humanities:²

Check for completion	Course I. D.:	Course Name:
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Social Sciences: 9 hours

Choose 9 hours Social Science Core:²

Check for completion	Course I. D.:	Course Name:
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Animal Science Core: 31 hours

- ☐ ANSC 1033 Introductory Animal Sciences
☐ ANSC 1781 Career Preparation and Development
☐ ANSC 2113 Intro to Animal Evaluation and Handling
☐ ANSC 2111L Intro to Animal Evaluation and Handling Lab
☐ ANSC 3123 Principles of Genetics **OR**
☐ ANSC 3133 Animal Breeding and Genetics
☐ ANSC 3143 Principles of Animal Nutrition
☐ ANSC 3141L Animal Nutrition Lab
☐ ANSC 3213 Behavior of Domestic Animals
☐ ANSC 3033 Animal Physiology
☐ ANSC 3433 Fundamentals of Reproductive Physiology
☐ ANSC 4993 Animal Capstone
Choose two courses from the following (4 hours):⁴
☐ ANSC 4252 Cow-Calf Management
☐ ANSC 4262 Swine Production
☐ ANSC 4272 Sheep Production
☐ ANSC 4282 Horse Production
☐ ANSC 4452 Milk Production
☐ ANSC 4482 Companion Animal Management
☐ ANSC 4652 Stocker-Feedlot Cattle Management
☐ ANSC 4662 Comparative Studies in Panamanian and US Agricultural Practices
☐ ANSC 410V Special Topics in Animal Sciences^{3,4}

Animal Enterprise Concentration: 21 hours

- ☐ ANSC 3072 Equine Selection and Evaluation **OR**
☐ ANSC 3282 Livestock Judging and Selection **OR**
☐ ANSC 3761L Ranch Horse Riding
☐ ANSC 4163 Companion Animal Nutrition **OR**
☐ ANSC 4553 Forage-Ruminant Relations
☐ AGEC 3303 Food and Agricultural Marketing **OR**
☐ ANSC 3723 Horse and Livestock Merchandising
Choose 6 hours from the following:
☐ ANSC 2333 Introduction to Animal Health
☐ ANSC 3003 Applied Animal Parasitology
☐ ANSC 3013 Parasitisms of Domesticated Non-Herbivores
☐ ANSC 3333 Diseases of Livestock
☐ ANSC 3613 Meat Science

Choose 4 hours from the following:⁴

- ☐ ANSC 4252 Cow-Calf Management
- ☐ ANSC 4262 Swine Production
- ☐ ANSC 4272 Sheep Production
- ☐ ANSC 4282 Horse Production
- ☐ ANSC 4452 Milk Production
- ☐ ANSC 4482 Companion Animal Management
- ☐ ANSC 4652 Stocker-Feedlot Cattle Management
- ☐ ANSC 4662 Comparative Studies in Panamanian and US

Agricultural Practices

- ☐ ANSC 410V Special Topics in Animals Sciences^{3,4}

Choose 6 hours from the following:

- ☐ ANSC 2003 Introduction to Equine Industry
- ☐ AGECE 2143 Agribusiness Financial Records
- ☐ AGECE 3403 Farm Business Management
- ☐ ASTM 2903 AHES Application of Microcomputers
- ☐ CSES 1203 Introduction to Plant Sciences
- ☐ FDSC 2523 Sanitation and Safety in Food Processing Operations

General Electives: 18 hours⁵

Check for completion	Course I. D.:	Course Name:
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OTHER REQUIREMENTS FOR A B.S.A. DEGREE

120 Total Hours of which:

40 hours must be 3000/4000 level courses

9 hours must be in Bumpers College but outside of departmental major

Minimum GPA of 2.0

¹ UNIV 1001 is required for new freshmen or transfer with less than 24 hours

² See student degree audit for approved list of courses.

³ Study Abroad to New Zealand or Australia

⁴ Courses cannot be duplicated to meet degree requirements.

⁵ Depending on number of Upper Division courses completed, some general electives may need to be 3000 or 4000 level.