ANIMAL SCIENCE TECHNOLOGY, Animal Management
College of the Environment & Life Sciences (CELS)

UC Advisor: Tony Mallilo, tonym@uri.edu, 874-4658
Option: Animal Management (formally Lab Animal)
Credits: 120

The Major: The Animal Management option is designed to prepare students for employment where the skills necessary to manage the daily operations of an animal facility are required. This option requires fewer credits in the basic sciences but more in the supporting electives.

Career Options: Graduates with experience in animal management find employment in zoos, aquariums, animal shelters, ASPCA, pet food companies, federal, state, and local opportunities dealing with animal control. In addition, graduates can continue their education in a Graduate Program.

Transfer out of UC: Must have completed at least 24 credits, minimum GPA of 2.00, and received permission from the UC major advisor.
PROGRAM: Animal Science and Technology
OPTION: Animal Management

Student______________________  Advisor______________________

General Education (36) __________
C:   COM 100____(3), CW: WRT____(3)
M:   ________(3)
N:   BIO 101____(3) BIO 102____(3)
S:   __________, ___________ (6)
L:   __________, ___________ (6)
A:   __________, ___________ (6)
F:   __________, ___________ (6)

(15 credits from L, A, and F)

Concentration* (25) _________
AVS 323____(3) AVS 343____(3)
AVS 324____(3) AVS____(3)
AVS 325____(3) _________(3)
AVS 331/3____(4) _________(3)

Supporting Electives (28-29)____
AVS 104____(2) __________( )
AVS 132____(3) __________( )
AVS 201____(3) __________( )
AVS 212____(3) __________( )
AVS 275____(4) __________( )

Intro. Prof. Courses  (4-5) __________
AVS 101 (3)____, AVS 102 (1)____
AVS 110 (1)____,

Basic Sciences (10) ________________
Required:
BIO 103 ________(1) and BIO 104______(1)
CHM 101_____(3) or CHM 103____(3)
CHM 102 _____(1) or CHM 105 _____(1)
CHM 112 ______(3) or CHM 124 ______(3)
CHM 114______(1) or CHM 126______(1)

Free Electives (7) __________
URI 101______(1) __________( )

**120 credits required
Student Total_____

Additional basic science credits (9) from approved list.
_________(3,4) _________(3,4) _________(3,4)

*Six classes must be in AVS. **Maximum of 9 credits in AVS 399, 491, 492 and RDE 486.

ADVISING COMMENTS:

* For information regarding this major, contact the department at (401) 874-2477.
Supporting Electives:
Any course with the prefix:
AFS, APG, AVS, BIO, BCH, BUS, CHM, CSC, ECN, EEC, GEO,
LAR, MAF, MIC, MTH, NFS, NRS, PHY, PLS, RDE, REN, STA

Concentration (300 level or above)
Six classes must be in AVS

List of AVS courses for all options:  List of courses for AVS options:

AVS 101 Introduction to Animal Science  Pre Vet/Animal Science
AVS 102 Introduction to Animal Science Lab  BIO 101/103 Principles of Biology I
AVS 110 Freshman Seminar in AVS  BIO 102/104 Principles of Biology II
AVS 132 Animal Agriculture, Food Policy, and Society  BIO 341 Principles of Cell Biology
AVS 201 Companion Animal Management  BIO 352 General Genetics
AVS 212 Feeds and Feeding  BIO 437 Fund. of Molecular Bio
AVS 301/302 Junior/Senior Seminar in AVS  BCH 311 Introd. Biochemistry
AVS 104 Animal Management Techniques  CHM 101 General Chemistry I
AVS 323 Animal Management I (Ruminants)  CHM 102 Gen. Chem. Lab I
AVS 324 Animal Management II (Monogastrics)  CHM 112 General Chemistry II
AVS 325 Animal Management III (Exotics)  CHM 114 Gen. Chem. Lab II
AVS 331/333 Anatomy & Physiology (Lect. & Lab)  CHM 226 Organic Chem Lab
AVS 332 Animal Diseases  CHM 227 Organic Chemistry I
AVS 340 Veterinary Pharmacology  CHM 228 Organic Chemistry II
AVS 343 Behavior of Domestic Animals  ECN 100 Intro to Economics
AVS 372 Introductory Endocrinology  MIC 201 Intro Medical Micro or
AVS 390 Wildlife and Human Disease  MIC 211 Introd. Mircrobiology
AVS 399 (RDE 486) Internship in AVS  MTH 131 Calculus I
AVS 412 Animal Nutrition  PHY 111 General Physics I
AVS 420 Animal Genetics and Breeding  PHY 112 General Physics II
AVS 440 Seminar on Marine Mammals  PHY 185 General Physics Lab I
AVS 462 Laboratory Animal Techniques  PHY 186 General Physics Lab II
AVS 472/473 Physiology of Reproduction (Lect. & Lab)  STA 307 Introd. Biostatistics or
AVS 491/492 Special Projects  STA 308 Introductory Statistics or

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### Animal Science and Technology – Animal Management option
(8-semester sequence)

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<th>Freshmen II (15)</th>
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<td>URI 101: Traditions and Transformations: Freshmen Seminar</td>
<td>AVS 324: Animal Management II</td>
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<td>AVS 101, AVS 102: Introduction to Animal Science, Lab</td>
<td>AVS Supporting Elective</td>
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<td>BIO 101/103: Principles of Biology I</td>
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<td>COM 100: Communication Fundamentals</td>
<td>WRT 104: Writing to Inform and Explain</td>
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<td>MTH 107: Introduction to Finite Math or MTH 108: Topics in Mathematics or MTH 111: Precalculus</td>
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<td>CHM 103/105: Introductory Chemistry Lecture/ Lab</td>
<td>CHM 124/126: Introduction to Organic Chemistry/ Lab</td>
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