

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

Effective Fall 2014

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**Department:** Fisheries, Animal & Veterinary Science, 874-2477, [www.uri.cels/FAVS](http://www.uri.cels/FAVS)  
**UC Advisor:** Dr. Tony Mallilo, [tonym@uri.edu](mailto:tonym@uri.edu), 874-4658  
**Option:** Animal Management  
**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.

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**PROGRAM:** Animal Science and Technology

**Student** \_\_\_\_\_

**OPTION:** Animal Management

**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)**

**Intro. Prof. Courses** (4-5) \_\_\_\_\_

AVS 101 (3)\_\_\_\_, AVS 102 (1)\_\_\_\_

AVS 110 (1)\_\_\_\_,

**Concentration\*** (25) \_\_\_\_\_

AVS 323\_\_\_\_(3) AVS 343\_\_\_\_(3)

AVS 324\_\_\_\_(3) AVS 462\_\_\_\_(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) \_\_\_\_\_( )

\_\_\_\_\_( ) \_\_\_\_\_( )

**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:**

REVISED 5/14

*\* 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:**

AVS 101 Introduction to Animal Science  
AVS 102 Introduction to Animal Science Lab  
AVS 110 Freshman Seminar in AVS  
AVS 132 Animal Agriculture, Food Policy, and Society  
AVS 201 Companion Animal Management  
AVS 212 Feeds and Feeding  
AVS 301/302 Junior/Senior Seminar in AVS  
AVS 104 Animal Management Techniques  
AVS 323 Animal Management I (Ruminants)  
AVS 324 Animal Management II (Monogastrics)  
AVS 325 Animal Management III (Exotics)  
AVS 331/333 Anatomy & Physiology (Lect. & Lab)  
AVS 332 Animal Diseases  
AVS 340 Veterinary Pharmacology  
AVS 343 Behavior of Domestic Animals  
AVS 372 Introductory Endocrinology  
AVS 390 Wildlife and Human Disease  
AVS 399 (RDE 486) Internship in AVS  
AVS 412 Animal Nutrition  
AVS 420 Animal Genetics and Breeding  
AVS 440 Seminar on Marine Mammals  
AVS 462 Laboratory Animal Techniques  
AVS 472/473 Physiology of Reproduction (Lect. & Lab)  
AVS 491/492 Special Projects

**List of courses for AVS options:**

**Pre Vet/Animal Science**

BIO 101/103 Principles of Biology I  
BIO 102/104 Principles of Biology II  
BIO 341 Principles of Cell Biology  
BIO 352 General Genetics  
BIO 437 Fund. of Molecular Bio  
BCH 311 Introd. Biochemistry  
CHM 101 General Chemistry I  
CHM 102 Gen. Chem. Lab I  
CHM 112 General Chemistry II  
CHM 114 Gen. Chem. Lab II  
CHM 226 Organic Chem Lab  
CHM 227 Organic Chemistry I  
CHM 228 Organic Chemistry II  
ECN 100 Intro to Economics  
MIC 201 Intro Medical Micro or  
MIC 211 Introd. Microbiology  
MTH 131 Calculus I  
PHY 111 General Physics I  
PHY 112 General Physics II  
PHY 185 General Physics Lab I  
PHY 186 General Physics Lab II  
STA 307 Introd. Biostatistics or  
STA 308 Introductory Statistics or  
STA 409 Stat. Meth. in Research  
WRT 333 Scientific Writing

**Animal Management**

CHM 103 Introductory Chemistry  
CHM 105 Introductory Chem Lab  
CHM 124 Intro. To Organic Chem  
CHM 126 Intro to Org. Chem Lab

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

<b>Freshmen I (15)</b>	<b>Freshmen II (15)</b>
URI 101: Traditions and Transformations: Freshmen Seminar	AVS Concentration
AVS 101, AVS 102: Introduction to Animal Science, Lab	AVS Supporting Elective
BIO 101/103: Principles of Biology I	AVS Supporting Elective
COM 100: Communication Fundamentals	WRT 104: Writing to Inform and Explain
MTH 107: Introduction to Finite Math or MTH 108: Topics in Mathematics or MTH 111: Precalculus	Gen Ed
<b>Sophomore I (14)</b>	<b>Sophomore II (16)</b>
AVS Concentration	AVS Concentration
AVS Supporting Elective	AVS Supporting Elective
CHM 103/105: Introductory Chemistry Lecture/ Lab	CHM 124/126: Introduction to Organic Chemistry/ Lab
Gen Ed	Gen Ed
	Gen Ed
<b>Junior I (15)</b>	<b>Junior II (15)</b>
AVS 331/333: Anatomy and Physiology	AVS Concentration
AVS Concentration	AVS Concentration
AVS Supporting Elective	AVS Supporting Elective
AVS Supporting Elective	AVS Supporting Elective
Gen Ed	Gen Ed
<b>Senior I (15)</b>	<b>Senior II (15)</b>
AVS Concentration	AVS Supporting Elective
AVS Supporting Elective	AVS Supporting Elective
AVS Supporting Elective	AVS Supporting Elective
Gen Ed	Gen Ed
Free elective	Free elective

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