

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

Effective Fall 2015

**Department:** Fisheries, Animal & Veterinary Science, 874-2477, www.uri.cels/FAVS  
**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.

**The following is an example of the typical course schedule for the first 4 semesters for a student majoring in Animal Management.** These are recommended course selections for AVS majors in University College; there will be variation based on course availability and schedule restraints. Some classes are not offered every semester. It is important to plan ahead and consult with your advisor to allow yourself time to enroll in the classes you wish to take.

**Semester I (Fall)**

URI 101	Freshman at URI	1
AVS 101	Intro. to Animal Science	3
AVS 102	Intro. to Animal Science Lab	1
BIO 101	Principles of Biology 1	3
BIO 103	Principles of Biology 1 Lab	1
COM 100	Oral Communication	3
MTH 107 or 108	Finite Math	3
		<i>Total credits: 15</i>

**Semester II (Spring)**

AVS 110	AVS Freshman Seminar	1
AVS	Supporting Elective	3
AVS	Concentration	3
BIO 102	Principles of Biology II	3
BIO 104	Principles of Biology II Lab	1
WRT 104	Composition	3
<u>General Ed. (Cat. S, A, L, or F)</u>		<u>3</u>
		<i>Total credits: 17</i>

**Semester III (Fall)**

AVS	Supporting Elective	3
AVS	Concentration	3
CHM 101 or 103	General Chem 1	3
<u>General Ed. (Cat. S, A, L, or F)</u>		<u>6</u>
		<i>Total credits: 15</i>

**Semester III (Spring)**

AVS3	Supporting Elective	3
AVS	Concentration	3
CHM 112 or 124	Chem 2 or Organic	3
CHM 114 or 126	Chem 2 or Organic Lab	1
<u>General Ed. (Cat. S, A, L, or F)</u>		<u>6</u>
		<i>Total credits: 16</i>

PROGRAM: Animal Science & Technology

Student \_\_\_\_\_

OPTION: Animal Management

Advisor \_\_\_\_\_

Intro. Prof. Courses (4-5 credits)

AVS 101 (3) \_\_\_\_\_

AVS 102 (1) \_\_\_\_\_

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

Concentration (26)\*

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

AVS 324 (3) \_\_\_\_\_ AVS 462 (4) \_\_\_\_\_

AVS 325 (3) \_\_\_\_\_ ( )

AVS 331 (3) \_\_\_\_\_ ( )

AVS 333 (1) \_\_\_\_\_ ( )

\*AVS GPA (minimum 2.0 required) \_\_\_\_\_

Supporting Electives (28-29)\*\*

AVS 104 (2) \_\_\_\_\_ ( )

AVS 132 (3) \_\_\_\_\_ ( )

AVS 201 (3) \_\_\_\_\_ ( )

AVS 212 (3) \_\_\_\_\_ ( )

AVS 275 (4) \_\_\_\_\_ ( )

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

\*\*Maximum 9 credits in AVS 399, 491, 492, RDE 486

Basic Required Science (10)

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) \_\_\_\_\_

Eight (8) additional basic science credits from approved list.

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

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

General Education (36)

C: COM 100 (3) \_\_\_\_\_ CW: WRT \_\_\_\_\_ (3)

M: MTH \_\_\_\_\_ (3)

N: BIO 101 (3) \_\_\_\_\_ and BIO 102 \_\_\_\_\_ (3)

S: \_\_\_\_\_ (3) \_\_\_\_\_ (3)

L: \_\_\_\_\_ (3) \_\_\_\_\_ (3)

A: \_\_\_\_\_ (3) \_\_\_\_\_ (3)

F: \_\_\_\_\_ (3) \_\_\_\_\_ (3)

(15 credits in L, A, and F)

Free Electives (7)

URI 101 (1) \_\_\_\_\_ ( )

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

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Advising comments:

Revised 9/15

## **Supporting Electives and Approved Basic Sciences:**

**Any course taught in CELS or the College of Business, or with the prefix:**

APG (Anthropology)  
CHM (Chemistry)  
CSC (Computer Science)  
ECN/EEC (Economics)  
MTH (Math)  
PHY (Physics)  
STA (Statistics)

### **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 301302 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

#### **Animal Management**

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

#### **List of courses for AVS options:**

##### **Pre Vet/Graduate/Animal Science**

BIO 101 Principles of Biology I  
BIO 102 Principles of Biology II  
BIO 341 Principles of Cell Biology  
BIO 352 General Genetics  
BIO 437 Fund. of Molecular Bio  
BCH 311 Intro. 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 Intro. 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