**ANIMAL SCIENCE TECHNOLOGY, Animal Management**

*College of the Environment & Life Sciences (CELS)*

**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.

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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.

<table>
<thead>
<tr>
<th>Semester I (Fall)</th>
<th>Semester II (Spring)</th>
</tr>
</thead>
<tbody>
<tr>
<td>URI 101 Freshman at URI</td>
<td>AVS 110 AVS Freshman Seminar</td>
</tr>
<tr>
<td>AVS 101 Intro. to Animal Science</td>
<td>AVS Supporting Elective</td>
</tr>
<tr>
<td>AVS 102 Intro. to Animal Science Lab</td>
<td>AVS Concentration</td>
</tr>
<tr>
<td>BIO 101 Principles of Biology 1</td>
<td>BIO 102 Principles of Biology II</td>
</tr>
<tr>
<td>BIO 103 Principles of Biology 1 Lab</td>
<td>BIO 104 Principles of Biology II Lab</td>
</tr>
<tr>
<td>COM 100 Oral Communication</td>
<td>WRT 104 Composition</td>
</tr>
<tr>
<td>MTH 107 or 108 Finite Math</td>
<td>General Ed. (Cat. S, A, L, or F)</td>
</tr>
</tbody>
</table>

*Total credits: 15*  
*Total credits: 17*

<table>
<thead>
<tr>
<th>Semester III (Fall)</th>
<th>Semester III (Spring)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVS Supporting Elective</td>
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</tr>
<tr>
<td>AVS Concentration</td>
<td>AVS Concentration</td>
</tr>
<tr>
<td>CHM 101 or 103 General Chem 1</td>
<td>CHM 112 or124 Chem 2 or Organic</td>
</tr>
<tr>
<td>General Ed. (Cat. S, A, L, or F)</td>
<td>CHM 114 or126 Chem 2 or Organic Lab</td>
</tr>
</tbody>
</table>

*Total credits: 15*  
*Total credits: 16*
PROGRAM:  Animal Science & Technology
OPTION:   Animal Management

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) _______ _____________(    )

________________ (    )__________________(    )

Advising comments:  

___________________________________________________________

Student ________________________________________________
Advisor _________________________________________________

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 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 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