**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.

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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>
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<tbody>
<tr>
<td>URI 101 Freshman at URI</td>
<td>AVS 110 AVS Freshman Seminar</td>
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<tr>
<td>AVS 101 Intro. to Animal Science</td>
<td>AVS 324 Animal Management II</td>
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<tr>
<td>AVS 102 Intro. to Animal Science Lab</td>
<td>CHM 103/105 Intro to Chemistry &amp; Lab</td>
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<tr>
<td>BIO 101 Principles of Biology 1</td>
<td>or 101/102 General Chemistry &amp; Lab</td>
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<td>COM 100 Oral Communication</td>
<td>WRT 104 Composition</td>
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<tr>
<td>MTH 107 Finite Mathematics, 108 Topics in Mathematics, 111 Precalculus, or 131 Applied Calculus</td>
<td>General Ed. (Cat. S, A, L, or F)</td>
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<td><strong>Total credits: 15</strong></td>
<td><strong>Total credits: 17</strong></td>
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<th>Semester III (Fall)</th>
<th>Semester IV (Spring)</th>
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<tr>
<td>AVS 212 Feeds and Feeding</td>
<td>AVS 325 Animal Management III</td>
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<tr>
<td>AVS 323 Animal Management I</td>
<td>AVS Concent. or Support. Elective</td>
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<tr>
<td>CHM 112/114 General Chemistry II &amp; Lab</td>
<td>Basic Science</td>
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<tr>
<td>or 124/126 Organic Chemistry &amp; Lab</td>
<td>General Ed. (Cat. S, A, L, or F)</td>
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<tr>
<td>General Ed. (Cat. S, A, L, or F)</td>
<td><strong>Total credits: 18</strong></td>
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Supporting Electives:
Any course taught in CELS or The College of Business
Math
Statistics
Anthropology
Computer Science
Chemistry

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 304 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/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
BIA 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. Mircrobiology
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