

**ANIMAL SCIENCE TECHNOLOGY, Pre-Veterinary**  
*College of the Environment & Life Sciences (CELS)*

Effective Fall 2010

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| <b>Department:</b> | Fisheries, Animal & Veterinary Science, 874-2477, <a href="http://www.uri.cels/FAVS">www.uri.cels/FAVS</a> |
| <b>UC Advisor:</b> | Tony Mallilo, <a href="mailto:tonym@uri.edu">tonym@uri.edu</a> , 874-4658                                  |
| <b>Option:</b>     | Pre-Veterinary   |
| <b>Credits:</b>    | 120  |

**The Major:** The Pre-veterinary Program is designed to prepare students for admission to schools of veterinary medicine. Animal health is an integral part of animal science and the veterinarian is the key professional in the field. Admissions to schools offering the DVM degree requires superior academic achievement, completion of undergraduate coursework, and knowledge and experience in the field of veterinary medicine. Extracurricular activities and personal qualities are also taken into consideration. Admission to veterinary school is highly competitive and students are encouraged to explore secondary career objectives. Those who are not accepted for veterinary training will be well prepared to pursue graduate programs in animal physiology and health.

**Career Options:** Careers in animal sciences are numerous. Veterinarians work in private practice-either in small or large animal medicine, in federal, state, and local assignments dealing with disease control and public health, and in teaching and research. Food and drug companies hire veterinarians for product development and testing.

**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:** Pre-Veterinary and Graduate

**Advisor** \_\_\_\_\_

**General Education** (27) \_\_\_\_\_

**Concentration\*** (26) \_\_\_\_\_

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

AVS 331/3 \_\_\_\_\_(4) AVS 472/3 \_\_\_\_\_(4)

S: ECN \_\_\_\_\_, \_\_\_\_\_(6)

AVS 323 \_\_\_\_\_(3) BIO 341 \_\_\_\_\_(3)

L: \_\_\_\_\_, \_\_\_\_\_(6)

AVS 324 \_\_\_\_\_(3) BIO 437 \_\_\_\_\_(3)

A: \_\_\_\_\_, \_\_\_\_\_(6)

AVS 412 \_\_\_\_\_(3) \_\_\_\_\_(3)

F: \_\_\_\_\_, \_\_\_\_\_(6)

**Supporting Electives** (8) \_\_\_\_\_

(15 credits from L, A, and F)

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

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

**Intro. Prof. Courses** (6) \_\_\_\_\_

**Free Electives** (5) \_\_\_\_\_

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

WRT 333 \_\_\_\_\_(3) \_\_\_\_\_( )

AVS 110 (1) \_\_\_\_\_ URI 101 (1) \_\_\_\_\_

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

**Basic Sciences** (48)

**\*\*120 credits required**

**Required:**

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

BIO 101 (4) \_\_\_\_\_, BIO 102 (4) \_\_\_\_\_

BIO 352 (3) \_\_\_\_\_

BCH 311 (3) \_\_\_\_\_,

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

CHM 112 (3) \_\_\_\_\_, CHM 114 (1) \_\_\_\_\_

CHM 226 (2) \_\_\_\_\_, CHM 227 (3) \_\_\_\_\_, CHM 228 (3) \_\_\_\_\_

MIC 201 (4) \_\_\_\_\_, or MIC 211 (4) \_\_\_\_\_

MTH 131 (3) \_\_\_\_\_

PHY 111 (3) \_\_\_\_\_, PHY 185 (1) \_\_\_\_\_

PHY 112 (3) \_\_\_\_\_, PHY 186 (1) \_\_\_\_\_

STA 307 (3) \_\_\_\_\_, or STA 308 (3) \_\_\_\_\_, or STA 409 (3) \_\_\_\_\_

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

**ADVISING COMMENTS:**

REVISED 6/10

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

| <b>Freshmen I (15)</b>  | <b>Freshmen II (16)</b>  |
|---|--|
| URI 101: Traditions and Transformations:<br>Freshmen Seminar                      | AVS Concentration  |
| AVS 101,AVS 102: Introduction to Animal<br>Science, Lab                           | BIO 102: Principles of Biology II  |
| BIO 101: Principles of Biology I  | STA 307 or 308: Introductory Biostatistics or<br>Introductory Statistics |
| COM 100: Communication Fundamentals   | WRT 104: Writing to Inform and Explain                                   |
| MTH 131: Applied Calculus   | Gen Ed   |
| <b>Sophomore I (15)</b>   | <b>Sophomore II (17)</b>   |
| AVS 331/333: Anatomy and Physiology   | AVS Concentration  |
| CHM 101/102: General Chemistry Lecture/<br>Lab                                    | AVS 212: Feeds and Feeding Supp. Elec.                                   |
| PHY 111/185: Physics I/Lab  | CHM 112/114: General Chemistry<br>Lecture/Lab                            |
| Gen Ed  | PHY 112/186: Physics II/ Lab   |
|   | Gen Ed   |
| <b>Junior I (16)</b>  | <b>Junior (14)</b>   |
| AVS Concentration   | AVS Concentration  |
| MIC 201 or 211: Introductory Medical<br>Microbiology or Introductory Microbiology | AVS Supporting Elective  |
| CHM 227: Organic Chemistry I  | CHM 228,CHM 226: Organic Chem II, Lab                                    |
| BIO 352: Genetics   |  |
| Gen Ed  | Gen Ed   |
| <b>Senior I (14)</b>  | <b>Senior II (15)</b>  |
| AVS Concentration   | AVS Concentration  |
| AVS Supporting Elective   | AVS Concentration  |
| WRT 333*: Sci. & Tech. Writing  | AVS Concentration  |
| BCH 311: Introduction to Biochemistry   | Free Elective  |
| Gen Ed  | Gen Ed   |
| * Is considered a free elective, but required for vet school                      |  |