THE UNIVERSITY OF RHODE ISLAND

Animal Science & Technology - BS

Option: Animal Management

120 Credits Total

EL_ANSC_BS

Student: _____

Student ID: _____

Advisor: _____

ABOUT THE ANIMAL MANAGEMENT OPTION: Effective Fall 2017

The Animal Management option is designed to prepare students to manage the daily operations of an animal facility. This option requires fewer credits in the basic sciences but more in the supporting electives. Graduates with experience in animal management find employment in food animal production, laboratory animal management, zoos, aquariums, animal shelters, ASPCA, pet food companies, federal, state, and local opportunities dealing with animal control.

Step 1: REVIEW YOUR PROGRAM REQUIREMENTS

I. Introduction Requirements: (4-5 credits)

Course	Semester	Credits	Grade
AVS 101		3	
AVS 102		1	
AVS 110		1	

II. Basic Science Requirements: (24)

Course	Semester	Credits	Grade
BIO 101		3	
BIO 102		3	
BIO 103		1	
BIO 104		1	
CHM101 **OR** CHM 103		3	
CHM102 **OR** CHM 105		1	
CHM112 **OR** CHM 124		3	
CHM114 **OR** CHM 126		1	
MTH 107 or Higher		3	

III. Basic Non-Science Requirements: (9)

Course	Semester	Credits	Grade
COM 100		3	
WRT 104/106		3	

Note: Transferring from UCAS: Must have completed at least 24 credits, minimum of 2.0GPA, and received permission from UCAS Advisor.

Approved for Graduation

Advisor_____Date: _____

V. Concentration Requirements: (26)*

Course	Semester	Credits	Grade
AVS 323		3	
AVS 324		3	
AVS 325		3	
AVS 331		3	
AVS 333		1	
AVS 343		3	
AVS 462		4	

* AVS GPA (minimum 2.0 required)

VI. Supporting Elective Requirements: (28-29)**

Course	Semester	Credits	Grade
AVS 104		2	
AVS 132G		3	
AVS 201		3	
AVS 212		3	
AVS 275		4	

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

V. Free Electives: (11)

Course	Semester	Credits	Grade
URI 101		1	

THE UNIVERSITY OF RHODE ISLAND

Animal Science & Technology - BS

120 Earned Credits Total

General Education Guidelines:

Effective Fall 2017

General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code. General education courses may also be used to meet requirements of the major or minor when appropriate.

Step 2: LIST COURSES THAT MEET GEN ED

Step 3: LIST COURSE AS EACH OUTCOME IS MET

General Education Credit Count						
At least 40 credits, no more than 12 credits with the same course code						
Course	**Credit**	**Grade**		**Course**	**Credit**	**Grade**
AVS 101	3					
BIO 101	3					
BIO 103	1					
BIO 102	3					
BIO 104	1					
CHM 101	3					
CHM 103	3					
AVS 132G	3					
COM 100	3					
WRT 104/106	3					
				Total Gen Ed credits	40	
NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION						

General Education Outcome Audit	
	Course
KNOWLEDGE	
A1. STEM	AVS 101
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
COMPETENCIES	
B1. Write effectively	WRT 104/106
B2. Communicate effectively	COM 100
B3. Mathematical, statistical, or computational strategics	
B4. Information literacy	
RESPONSIBILITIES	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity & Inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	
GRAND CHALLENGE	
G. At least one course of your 40 credits is an approved "G" course	AVS 132G

Advising Notes

B.S. Animal Science Technology - Animal Science Management Option - Effective Fall 2017
Sample 4 Year Plan
College of the Environment and Life Sciences

Freshman Year *Fall* Semester

Course Code	Description	Cr	
URI 101	Planning for Academic Success	1	
AVS 101, AVS 102	Introduction to Animal Science, Lab	4	
BIO 101, BIO 103	Principles of Biology 1, Lab	4	
	General Education Course	3-4	
	General Education Course	3-4	
		15-17	0

Freshman Year *Spring* Semester

Course Code	Description	Cr	
	Concentration course	3-4	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
	General Education Course	3-4	
	General Education Course	3-4	
		15-17	0

Year 1 Milestones: Earn 30 credits and a gpa of 2.0 or higher. Meet with your Advisor for ANSC option discussion.

Sophomore Year *Fall* Semester

Course Code	Description	Cr	
	Concentration course	3-4	
	Supporting Elective	3-4	
CHM 103	Introduction to Chemistry	3	
CHM 105	Introduction to Chemistry Lab	1	
	General Education Course	3-4	
		15-17	0

Sophomore Year *Spring* Semester

Course Code	Description	Cr	
	Concentration course	3-4	
	Supporting Elective	3-4	
CHM 124,126	Introduction to Organic Chemistry, Lab	4	
	General Education Course	3-4	
	General Education Course	3-4	
		15-17	0

Year 2 Milestones: Earn 60 credits and a gpa of 2.0 or higher. Meet with your Advisor to dicuss major, internships and research opprtunities.

Junior Year *Fall* Semester

Course Code	Description	Cr	
AVS 331,333	Anatomy and Physiology, Lab	4	
	Concentration course	3-4	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
	General Education Course	3-4	
		15-17	0

Junior Year *Spring* Semester

Course Code	Description	Cr	
	Concentration course	3-4	
	Concentration course	3-4	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
Gen Ed	General Education Course	3-4	
		15-17	0

Year 3 Milestones**:** Earn 90 credits and a gpa of 2.0 or higher. Meet with your Advisor to prepare intent to graduate application for fall submission.

Senior Year Fall Semester

Course Code	Description	Cr	
	Concentration course	3-4	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
	General Education Course	3-4	
	Free Elective	3-4	
		15-17	0

Senior Year Spring Semester

Course Code	Description	Cr	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
	Supporting Elective	3-4	
	General Education Course	3-4	
	Free Elective	3-4	
		15-17	0

Year 4 Milestones: Earn 120 credits and a GPA of 2.0 or higher in CUM and CON. Complete all remaining required courses.

Total Credits =	**0**
Total Credits to Graduate =	**120**

Animal Science Technology - Animal Management Option- Effective Fall 2017
Approved 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** (phyiscs) or **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 132G Sustainable Agriculture, Food Systems, 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 (lec. & lab)
AVS 332 Animal Diseases
AVS 340 Veterniary 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 Chemistry Lab
CHM 124 Intro. to Organic Chemistry
CHM 126 Intro. to Organic Chemistry 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 Biology
CMB 201 or 211 Intro Medical Micro or Intro. Microbiology
CMB 311 Introductory Biochemistry
CHM 101 General Chemistry I
CHM 102 Geneneral Chemistry Lab I
CHM 112 General Chemistry II
CHM 114 Geneeral Chemistry Lab II
CHM 226 Organic Chemistry Lab
CHM 227 Organic Chemistry I
CHM 228 Organic Chemistry II
ECN 100 Intro to Economics
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 332 Scientific Writing