

# ANIMAL CARE AND TRAINING, ASSOCIATE IN SCIENCE

ANCT classes are open only to students enrolled in the ANCT program by the Application and Enrollment Procedure.

Students who complete the ANCT program will acquire practical knowledge and skills to successfully perform scientific observations, provide appropriate animal husbandry, and apply animal behavior modification to a wide variety of domestic and non-domestic animals to further animal welfare and wildlife conservation. In addition, students will develop skills in critical thinking, communicating effectively, and working as a dynamic team member.

This program offers preparation for students interested in entering the expanded animal care industry. The increasing importance of zoos and wildlife education to the efforts of conservation as well as the use of animals in various entertainment fields present many career options to graduates of this curriculum. Entry-level positions exist in zoos, oceanariums, animal parks, government facilities, wildlife rehabilitation centers, and the entertainment field.

Students completing the program prerequisites, the general education requirements, and the required courses (62 specified units) receive an Associate in Science Degree in Animal Care and Training.

To obtain the Associate in Science Degree in Animal Care and Training, students must complete the major and general education degree requirements.

Course ID	Title	Units/Hours
<b>Required Courses</b>		
ANCT M01A	Animal Care & Handling I	1
ANCT M01AL	Animal Care & Handling Lab I	4
ANCT M01B	Animal Care & Handling II	1
ANCT M01BL	Animal Care & Handling Lab II	4
ANCT M02A	Zoo Work Skills First Year Fall	1
ANCT M02C	Zoo Work Skills First Year Spring	1.5
ANCT M02D	Zoo Work Skills Second Year-Summer	2
ANCT M02E	Zoo Work Skills Second Year-Fall	3
ANCT M02F	Zoo Work Skills Second Year-Spring	1.5
ANCT M08	Applied Wildlife Conservation	2
ANCT M09	Animal Behavior	3
ANCT M09L	Animal Behavior Lab	.5
ANCT M12	Anatomy and Physiology of Mammals	2
ANCT M14A	Projects I	.5
ANCT M14B	Projects II	1.5
ANCT M15A	Wildlife Education I	.5
ANCT M15AL	Wildlife Education I Lab	1
ANCT M15B	Wildlife Education II	.5
ANCT M15BL	Wildlife Education II Lab	1
ANCT M15CL	Wildlife Education III Lab	2
ANCT M15D	Wildlife Education IV	.5
ANCT M15DL	Wildlife Education IV Lab	1
ANCT M15EL	Wildlife Education Spring Spectacular Lab	1.5

ANCT M17	Animal Diversity	3.5
ANCT M18	Animal Health and Safety	2
ANCT M19	Animal Nutrition	2
ANCT M21A	Animal Training I	1
ANCT M21AL	Animal Training I Lab	2
ANCT M21B	Animal Training II	1
ANCT M21BL	Animal Training II Lab	2
ANCT M21P	Animal Training Practicum	1
ANCT M23A	Elementary Veterinary Care I	2
ANCT M23AL	Elementary Veterinary Care I Laboratory	1
ANCT M23B	Elementary Veterinary Care II	2
ANCT M24	Avian and Herptile Care	1
ANCT M26	Applied Primate Behavior	1
ANCT M26L	Applied Primate Behavior Lab	1
ANCT M27	Animal Ethical and Legal Issues	2
ANCT M30A	Zoo Days I	.5
ANCT M30B	Zoo Days II	.5

<b>Total Required Major Units: 62</b>
<b>MC General Education Pattern: 28</b>
Double-Counted Units: 6
Electives to meet 60 associate degree units: 0
<b>Total Required for the AS Degree: 84</b>

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Year 1		Units/Hours
Fall Semester		
ANCT M01A	Animal Care & Handling I	1
ANCT M01AL	Animal Care & Handling Lab I	4
ANCT M02A	Zoo Work Skills First Year Fall	1
ANCT M08	Applied Wildlife Conservation	2
ANCT M12	Anatomy and Physiology of Mammals	2
ANCT M15A	Wildlife Education I	.5
ANCT M15AL	Wildlife Education I Lab	1
ANCT M17	Animal Diversity	3.5
ANCT M18	Animal Health and Safety	2
<b>Units/Hours</b>		<b>17</b>

## 2 Animal Care and Training, Associate in Science

### Spring Semester

ANCT M01B	Animal Care & Handling II	1
ANCT M01BL	Animal Care & Handling Lab II	4
ANCT M02C	Zoo Work Skills First Year Spring	1.5
ANCT M09	Animal Behavior	3
ANCT M09L	Animal Behavior Lab	.5
ANCT M15B	Wildlife Education II	.5
ANCT M15BL	Wildlife Education II Lab	1
ANCT M19	Animal Nutrition	2
ANCT M21A	Animal Training I	1
ANCT M24	Avian and Herptile Care	1
ANCT M26	Applied Primate Behavior	1
<b>Units/Hours</b>		<b>16.5</b>

### Summer Semester

ANCT M02D	Zoo Work Skills Second Year-Summer	2
ANCT M15CL	Wildlife Education III Lab	2
ANCT M21AL	Animal Training I Lab	2
ANCT M26L	Applied Primate Behavior Lab	1
<b>Units/Hours</b>		<b>7</b>

### Year 2

#### Fall Semester

ANCT M02E	Zoo Work Skills Second Year-Fall	3
ANCT M14A	Projects I	.5
ANCT M15D	Wildlife Education IV	.5
ANCT M15DL	Wildlife Education IV Lab	1
ANCT M21B	Animal Training II	1
ANCT M21BL	Animal Training II Lab	2
ANCT M23A	Elementary Veterinary Care I	2
ANCT M23AL	Elementary Veterinary Care I Laboratory	1
ANCT M30A	Zoo Days I	.5
<b>Units/Hours</b>		<b>11.5</b>

#### Spring Semester

ANCT M02F	Zoo Work Skills Second Year-Spring	1.5
ANCT M14B	Projects II	1.5
ANCT M15EL	Wildlife Education Spring Spectacular Lab	1.5
ANCT M21P	Animal Training Practicum	1
ANCT M23B	Elementary Veterinary Care II	2
ANCT M27	Animal Ethical and Legal Issues	2
ANCT M30B	Zoo Days II	.5
<b>Units/Hours</b>		<b>10</b>
<b>Total Units/Hours</b>		<b>62</b>

Upon successful completion of this program, students will be able to:

- apply practical knowledge and skills to successfully perform scientific observations.
- provide appropriate animal husbandry, and apply animal behavior modification to a wide variety of domestic and non-domestic animals to further animal welfare and wildlife conservation.
- demonstrate skills in critical thinking and communication, working as a dynamic team member.