

Animals & Agriculture

SMALL ANIMAL CARE AND MANAGEMENT

1/2 Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

Caring for animals is an important part of the animal industry, and especially those animals often labeled as pets. There are many job opportunities and business possibilities for people with training in the care and management of these small animals. This course will focus on the care and management of pets in addition to the things that make them unique. Students should expect to handle and care for the school animals regularly.

AG COMMUNICATION

1/2 Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

Educating and Communicating with the public is essential for the future of the agriculture industry. Students will use modern techniques to promote agriculture. Students who want to improve their skills in the areas of communicating, public relations and education should take this class. If your passion is not agriculture, basic skills can be used for any application. This will be project based and require the use of social media and work will be public.

FLORACULTURE

1/2 Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

This course is designed to learn all about floral design and the growing floral industry. The students will explore and acquire practical skills. Units of study will include principles of design, two or three-dimensional designs, history of floral art, arrangement styles and techniques, seasonal, holiday and occasional designs. The student will achieve this through creating, designing, identifying, explaining and evaluation all areas of study. Curriculum will include problem-solving, creative thinking, and written and verbal communication skills

Spring Semester

GREENHOUSE MANAGEMENT

1/2 Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

The school greenhouse is one of the best places to spend your time! Through this course students will learn about how to manage production under glass. Looking at different methods of growing, types of facilities, pest management, day to day operations students will learn basics that they could use to be employed in the greenhouse industry. In addition, this class will manage the plants for the spring plant sale and other sales throughout the year.

LARGE ANIMAL CARE AND MANAGEMENT

1/2 Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

Cows, pigs, horses, sheep and goats are the animals that fall into the classification of large animals. This course will be a look at the breeds, anatomy, physiology, production care and management of large animals. In addition, the class will explore the vast number of careers that are associated with the large animal industry.

FARM PRODUCTION AND MANAGEMENT

1/2 Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

Becoming more efficient in how our food is produced is important and vital as the world population continues to grow. Combining the science of food production and business concepts, students will look at how to be more effective and efficient in running agri-businesses. Students who are interested in whole farm management and how to apply concepts practically should take this course.

ENTREPRENEURSHIP & SMALL BUSINESS MANAGEMENT

1/2 Credit Length 20 weeks Prerequisite: Sophomore status or higher

This course is taught collaboratively between the agriculture and the business department. It is designed to give students an overview of how a business is organized and run. Students will study successful entrepreneurs, different forms of business ownership, advertising, the four P's of the marketing mix, interpersonal skills and financing for a business. Content will be reinforced through a series of classroom-based businesses. The final project will be the preparation of a mini-business plan.

SMALL ANIMAL SCIENCE

4 Credits Length: 1/2 Day/40 Weeks/2 year program

This is a technical course that will prepare you to go on to veterinary science technology at the college level. Instruction is provided in basic, advanced and specialized skills in areas such as dog grooming, kennel and pet shop management, veterinary assistant and handling of small animals in the research laboratory.

SMALL AND LARGE ANIMAL SCIENCE

4 Credits Length: 1/2 Day/40 Weeks/2 year program Small/Large Animal Science is for students interested in working with animals at an introductory level. This program introduces students to a variety of topics related to the care and handling of animals and instruction takes place in classroom, lab, and clinical settings

CONSERVATION/NATURAL RESOURCE MANAGEMENT

4 Credits Length: 1/2 Day/40 Weeks/2 year program

The Ormsby Educational Center has adjusted its curriculum to focus on Conservation. The Conservation (Landscape/Greenhouse) program will give students the opportunity to be work in the "green energy field" with energy producing windmills as well as bio-fuel.

AGRICULTURE

The agriculture science program offers a wide variety of educational opportunities. Students learn about the industry that produces food and fiber for the world. The majority of the learning is done by doing. Student should expect to be exposed to the vast and complicated world of agriculture and the impact it has on our local community. You should take this class if you like to learn by doing, like animals, being outside or spending time in the greenhouse!

Students who are in ag class are also a member of FFA. Students are encouraged to be an active member of FFA, where they will develop their leadership and job skills. FFA members are involved in competitions, community service projects and travel extensively.

Full Year Courses

INTRODUCTION TO AGRISCIENCE

1 Credit Length: 40 Weeks Prerequisite: None

This class will expose students to the broad areas of agriculture. The course will include units in plant science, animal science, business, current events, commodity education and leadership, along with looking at how agriculture affects our environment. This is a great class to get a taste of everything that happens in agriculture. This is a great course for freshmen!

Fall Semester

PLANT SCIENCE

½ Credit Length: 20 Weeks Prerequisite: Sophomore status or higher

Plant Science is a course designed to give you an in depth look at plants. Topics will include: plant biology, plant parts and functions, plant propagation, breeding, growing in an outdoor and greenhouse setting. This course is hands-on and we will spend as much time as possible growing and caring for the plants around our school.

NATURAL RESOURCES

4 Credits Length: ½ Day/40 Weeks/2 year program

Natural Resources are the materials that occur in nature and are essential to humans, such as soil, water, air, land, forests, fish and wildlife. Students in this program work at managing these resources with a variety of tools and techniques. Skills learned in this program would apply to careers in forestry, logging and sawmill operation, landscape, and wildlife management. Students will work with many different types of equipment and will become familiar with the safe operation and maintenance of chainsaws, tractors, backhoes, skid steers, trucks and bulldozers. Class time revolves around a variety of natural resource projects including pond