

Plant, Animal & Life Sciences could lead to careers in...

- Veterinarian Medicine
- Floriculture/Floral Designer
- Animal Nutrition
- Communications
- Owning a business
- Animal Care & Handling
- Education
- Horticulture
- Greenhouse Management



Are you interested in...

- Building self-confidence
- Gaining leadership skills
- Competing and traveling opportunities, regionally and nationally (Indianapolis, IN, throughout New York)
- Maximizing personal potential
- Assisting others to meet new challenges
- Challenging your mind and your spirit
- Being a part of the largest student organization in the world
- Having access to millions of dollars in scholarship money
- Volunteering and giving back to the community

Plant, Animal & Life Sciences Instructor: Julia Rotman-Smith



Degrees...

North Carolina State University
Master's Degree Agricultural Education

Cornell University
Bachelor's of Science-Agricultural Education

SUNY Cobleskill
A.A.S. Agricultural Business

Awards & Recognition...

New York Association of Agricultural Educators

Outstanding Young Teacher Award

National Association Agricultural Educators

"Teacher Turn The Key" Award

New York State Trustee

New York Association of FFA 2003-2006

Agricultural Promotion Committee

Cayuga County Dairy Princess Committee

Background Experience...

Family Dairy Farm

New York Agriculture in the Classroom Intern

MacNair's Horse Farm 2001

4-H

Dairy Cattle Judging & Showmanship

How do I enroll?

See your High School Guidance Office

Or

Guidance Office

Cayuga-Onondaga BOCES

315.253.0361

Cayuga-Onondaga BOCES

Plant, Animal & Life Sciences



Mrs. Julia Rotman-Smith
Instructor

Cayuga-Onondaga BOCES
1879 W. Genesee Street
Auburn, NY 13021
315.253.0361
www.caybores.org

The Plant, Animal, and Life Sciences program is a stimulating and challenging option for employment bound or college bound high school students.

Are you interested in...

Care and handling of animals

- Learn how to properly care for small & large animals
- Learn proper handling and restraint of animals



Veterinarian medicine

- Practice treating & caring for real animals
- Be trained to give clinical exams, basic behavior training techniques, vet hospital procedures, anatomy of animal and much more!

Floriculture/Florist work

Discover the basics of flower arranging while creating floral arrangements for our floral business.



Greenhouse Management

- Spend time in the greenhouse discovering how to grow plants, practice hydroponics (growing plants in water) and much more
- Grow professional grade hanging baskets, design container gardens and learn how to grow your own food

Animal Nutrition

- Learn to balance animal rations
- Learn the important nutrients necessary in maintaining animal health



Manage a business

- Learn business and management skills through internship, fundraisers and our floral business
- Create your own business, sell and market your product through business sales and marketing plans.

Working outdoors

Spend time on our land lab learning how to plant a crop, manage soil, and even learn how to drive the tractor.

Leadership & Communications

- Develop proper interview techniques
- Work with a team
- Develop public speaking skills



Field Trips

From visits to the SPCA...
to visiting Montezuma swamp...
to working off campus in an internship...
to traveling to Indianapolis...
to Washington D.C. ...
to exploring college campuses...
to visiting a local farm market...
Learning in the "real world" can be more useful and exciting!

Not sure what you want to do... just know you like working with plans and animals, & being outside... we'll help you figure it out at the Cayuga-Onondaga BOCES.



Earn your third science credit and English 12 credit through the Plant, Animal and Life Sciences Program!

National FFA

Mission Statement...

The National FFA Organization is dedicated to making a positive difference in the lives of young people by developing their potential for premier leadership, personal growth and career success through agricultural education.

Web Sites...

www.ffa.org (National FFA Site)
www.nysffa.org (New York State FFA Site)
www.oswegatchie.org (New York State FFA Camp Site)

Internship Potential...

Experience your career of choice in the real world while completing your high school education...

- Work at a vet clinic with the veterinarian and technicians helping animals
- Intern with a local florist
- Setup your own pet business
- Supervise a farm market
- Intern with large dairy herds/person/large animal vet tech
- Explore career opportunities and college choices available to you

College Credit ...

It is possible to earn college credit at these institutions while enrolled in the Plant, Animal & Life Sciences Program:

- SUNY Cobleskill (3 Credits)
- SUNY Alfred (6 Credits)
- Paul Smith's College (4 Credits)



Plant, Animal

