

AGRICULTURAL SCIENCE



Students are fully immersed in dynamic, hands-on learning experiences that blend classroom instruction with real-world application. The program covers a wide range of topics, including animal science, plant science, soil and water management, agribusiness, and environmental conservation. With direct access to our expanding gardens and livestock, students engage in daily care and management, gaining essential skills needed to run successful agriculture businesses while being introduced to the latest technologies and techniques in the field.

CAREER OPPORTUNITIES:

- Agricultural engineer
- Farm production manager
- Food manufacturing
- Food scientist
- Greenhouse manager
- Livestock feedlot operator
- Ranch/farm hand
- Soil scientist/conservationist
- Veterinarian, small or large animal



Learning that works
for New York



SALARY RANGE

**\$30,000 –
\$239,000**



12%

PROJECTED GROWTH IN NYS

2020–2030



**ANNUAL PROJECTED
JOB OPENINGS**

8,030

CareerOneStop, sponsored by the U.S. Department of Labor, Farmers, Ranchers, Agricultural Managers, Agricultural Engineers, Veterinarians, First-Line Supervisors of Farming, Fishing, and Forestry Workers, Veterinary Technologists and Technicians, Farmworkers and Laborers, Soil Scientist/Conservation Scientist, and Farmworkers, Farm, Ranch, and Agricultural Animals, Zip: 12180, September 2024)

AGRICULTURAL SCIENCE

TECHNICAL ASSESSMENT:

- Precision Agriculture

Successful passing of this written exam may be counted as the fifth required Regent's exam for graduation.

INDUSTRY-BASED CERTIFICATIONS:

- OSHA 10

AVAILABLE CREDITS:

- Math 11 (1 credit)
- Science 11 (1 credit)
- English 12 (1 credit)

Please contact your home district counselor for the availability of these credits.

COLLEGE AGREEMENTS:

Students who continue their education can receive credits from the following colleges if they attend their school:

- SUNY Cobleskill



www.questar.org/cte

NON-DISCRIMINATION NOTICE FOR STUDENTS AND PROSPECTIVE STUDENTS: Questar III does not discriminate on the basis of actual or perceived race, color, national origin, sex, disability, age, weight, ethnic group, religion, religious practice, sexual orientation, gender identity or expression, or other characteristic protected by federal or state law in its programs and activities, including but not limited to admission, access to and participation in educational programs, course offerings and student activities. Questar III provides equal access to the Boy Scouts of America and other designated youth groups. The following persons at Questar III have been designated to handle inquiries regarding Questar III's non-discrimination policies and the application of regulations prohibiting discrimination:

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For further information on notice of non-discrimination, or to inquire regarding the application of regulations prohibiting discrimination, contact the U.S. Department of Education, Office for Civil Rights.



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2 YEAR PROGRAM:
GRADES

11-12



PROGRAM
GRADUATION RATE

100%

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