Degree Offered
Associate in Science
Agriculture

Curriculum Code: AGRI.AS

Program Information
The two-year transfer program in Agriculture is designed to provide the basic courses in general education and agriculture to students who plan to complete a bachelor's degree at a university. Agriculture scientists work in private and government industries in such fields as agricultural engineering, agronomy, animal breeding and genetics, forestry, nutrition, plant breeding, horticulture, soil science, and wildlife science.

When You Graduate
AS programs are primarily designed for students who plan to transfer as juniors at four-year colleges and universities. Cumberland graduates have obtained bachelor's and beyond from every college in New Jersey and scores of colleges and universities throughout America. Cumberland has transfer agreements with a number of four-year colleges and universities.

As a graduate of a fully accredited community college, your coursework will be received with full credit transfer at most state colleges, public and private universities across the country. The NJ Lampitt bill passed in 2008 by the NJ State legislature assures seamless transfer of credits toward junior standing at NJ state colleges and universities.

This program prepares students to continue their education at a four-year college or university in fields such as agriculture production, agribusiness, resource management, and environmental sustainability.

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Agriculture, AS

Program Requirements (60 credits)	Credits
Year 1, Fall semester	
❑ AG 105 Introduction to Agricultural Science	3
❑ EN 101 English Composition I	3
❑ CH 101 General Chemistry I	4
❑ CS 110 Technology Literacy	2
❑ General Education History Elective	3
	15
Year 1, Spring semester	
❑ BI 101 General Biology I	4
❑ EN 102 English Composition II	3
❑ Humanities Elective	3
❑ MA 110 College Algebra	3
❑ Social Science Elective*	3
	16
Year 2, Fall semester	
❑ CH 102 General Chemistry II	4
❑ AG 106 Plant Science	4
❑ AG 209 Introduction to Soil Science	4
❑ Social Science or Humanities Elective	3
	16
Year 2, Spring semester	
❑ BI 102 General Biology II	4
❑ EC 202 Microeconomics	3
❑ AG Elective	3/4
❑ Diversity Elective	3
	14/15
	Total Credits 60

*EC 202 Microcomputers recommended

Upon completion of this program, students should be able to:

- Apply the knowledge of anatomy and physiology of vascular plants
- Apply the principles of the general sciences towards the production and maintenance of a variety of plants
- Select an appropriate medium or site selection for a variety of agricultural products
- Locate, retrieve and critically evaluate information and information sources.

Employment Opportunities
Greenhouse production, nursery production, orchard and garden center management, or sales for retail and wholesale companies.