

General Agriculture (AAS)

To see more about what you will learn in this program, visit the Learning Outcomes website (<https://apps.oirp.ncsu.edu/pgas/>)!

The general agriculture (GNA) degree offers students the opportunity to get a degree in agriculture without having to focus on one specific area such as horticulture or animal science. The GNA degree also offers the opportunity to concentrate on specific topics. Our GNA students can choose from agribusiness management, field crop production, general livestock management, poultry management, and swine management. These areas of concentration allow students to get the broad spectrum of courses that the GNA degree offers, and also to focus on one area a little more closely. The GNA program also allows for students who come to the Agricultural Institute unsure of their specialty areas a chance to learn about our diverse fields taught here.

Jobs in this area include:

- Farm Management
- Machinery and Equipment Sales
- Agricultural Chemical Distribution

To learn more information about this major, including contact information, visit our website (<https://cals.ncsu.edu/agricultural-institute/students/majors/#general-agriculture>).

Contact

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Website

Plan Requirements

General Agriculture (AAS) - 64 Total Units

Code	Title	Hours	Counts towards
Orientation			
AGI 101	Introduction to the Agricultural Institute	1	
English			
WRT 111	Expository Writing ¹	3	
WRT 114	Professional Writing, Research and Reporting ¹	3	
Mathematics			
MAA 102	Mathematics in Agriculture and Related Sciences ¹	3	

MA 103	Topics in Contemporary Mathematics	3
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General Requirements

ARE 201	Introduction to Agricultural & Resource Economics	3
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ARE 115	Agribusiness Accounting	3
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SOC 203	Current Social Problems	3
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GEP Additional Breadth (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/) (Humanities/Social Sciences/Visual and Performing Arts)		3
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Physical Education

GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/) ²		1
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Major Requirements

CS 111	Field Crop Production	4
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ANS 101	Introduction to Livestock and Poultry Industries	3
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ARE 104	Agricultural Business Management	3
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SSC 112	Principles of Soil Science	4
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ANS/PO Elective (p. 2)		3
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CS Elective (p. 2)		5
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ENT Restricted Elective		3
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ENT 110	General Entomology	
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ENT 121	Pesticides and Their Utilization	
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ENT 132	Urban Pest Management	
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ARE Elective		3
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ARE 112	Agricultural & Agribusiness Marketing	
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ARE 133	Agricultural & Environmental Policy	
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BAE Elective		4
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BAE 123	Light Equipment Technology	
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BAE 133	Agricultural Tractors and Machinery	
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Free Electives

Free Electives ^{2,3}	6
Total Hours	64

¹ A grade of C- or higher is required.

² Courses graded "S" for Satisfactory are allowed.

³ Students should consult their academic advisors to determine which courses fill this requirement.

ANS/PO Electives

Code	Title	Hours	Counts towards
ANS 101	Introduction to Livestock and Poultry Industries	3	
ANS 102	Animal Feeds and Nutrition	3	
ANS 103	Beef Production	3	
ANS 104	Swine Production and Management	4	
ANS 110	Introduction to Equine Science	3	
PO 111	Poultry Production	3	
PO 150	Poultry Management	3	
PO 162	Livestock and Poultry Disease Management	3	
VMP 162	Livestock and Poultry Disease Management	3	

CS Electives

Code	Title	Hours	Counts towards
CS 121	Turfgrasses and Their Uses	3	
CS 122	Principles of Turfgrass Management	3	
CS 151	Forage Production	3	
CS 152	Weed Control in Field Crops	3	
CS 153	Turfgrass and Ornamental Weed Control	3	
CS 154	Turf Weed and Disease Management	3	
CS 155	Advanced Turf Management	3	
CS 162		1	
CS 163		1	
CS 164		1	
CS 165		1	
CS 166		1	
CS 167		1	

CS 190	Turf Seminar	1
CS 191	Field Crops Seminar	2
PP 154	Turf Weed and Disease Management	3

Semester Sequence

This is a sample.

Freshman Year

Fall Semester	Hours
AGI 101 Introduction to the Agricultural Institute	
CS 111 Field Crop Production	
ENT 100-Level Restricted Elective (p. 1)	3
MAA 102 Mathematics in Agriculture and Related Sciences ¹	
ANS 101 Introduction to Livestock and Poultry Industries	
WRT 111 Expository Writing ²	
Hours	3

Spring Semester

WRT 114 Professional Writing, Research and Reporting ²	
MA 103A Topics in Contemporary Mathematics	
ARE 115 Agribusiness Accounting	
100-Level Free Elective (p. 1)	3
Select one of the following:	3
ANS 100-Level Elective (p. 1)	
BAE 123 Light Equipment Technology ³	
PO 100-Level Elective (p. 1)	3
Hours	9

Sophomore Year

Fall Semester	Hours
ARE 112 Agricultural & Agribusiness Marketing	
ARE 201A Introduction to Agricultural & Resource Economics	
SSC 112 Principles of Soil Science	
SOC 203 Current Social Problems or SOC 241A or Sociology of Agriculture and Rural Society	
Select 2-5 credits of the following:	2-5
ANS 100-Level Elective (p. 1)	
BAE 133 Agricultural Tractors and Machinery	
CS 100-Level Elective	
PO 100-Level Elective	
100 Level Free Elective	
Hours	2-5

Spring Semester

ARE 104 Agricultural Business Management	
ARE 133 Agricultural & Environmental Policy	
CS 191 Field Crops Seminar	
100-Level Free Elective (p. 1)	3-4

GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)	1
GEP Humanities (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-humanities/)	3
Hours	7-8
Total Hours	21-25

- ¹ MAA 102 Mathematics in Agriculture and Related Sciences must be completed with a C- minus or higher grade.
- ² WRT 111 Expository Writing and WRT 114 Professional Writing, Research and Reporting must be completed with a C-minus or higher grade for transfer to an NC State baccalaureate program.
- ³ If BAE 123 Light Equipment Technology is taken, student must take one additional credit hour of free electives.