INSTITUTE OF
APPLIED AGRICULTURE

Sustainable Agriculture

The challenges of meeting future food, fiber, and fuel needs—while protecting natural resources, managing profitable businesses, and supporting our communities—are upon us. While combining hands-on production skills with expertise in business management, you can build a career in agriculture that fosters environmental, economic, and social sustainability. Career options include crop and livestock production, supply chain management, education, advocacy, and more.

The business skills emphasized in our program are an important part of success in any career area, particularly in effective agricultural enterprises.

IAA Students Receive:

- **In-depth courses** about crops, livestock, soils, fertilizers, etc.
- **Management education** directed toward sustainable agricultural careers.
- **Hands-on learning** inside and outside the classroom.
- **Networking** with industry professionals.
- **An affordable education** supported with scholarships and financial aid.
- **An academic community** with rich resources.

How to Apply:

Apply for admission to the IAA at the University of Maryland and select the **Sustainable Agriculture** specialization.

Get Started: iaa.umd.edu/apply

The Institute of Applied Agriculture (IAA) is a 60-credit academic certificate program in the College of Agriculture and Natural Resources at the University of Maryland, College Park.

Contact Us:

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Join the Conversation:

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2-YEAR PLAN FOR SUSTAINABLE AGRICULTURE

1st YEAR, FALL SEMESTER		**Credit Hours**	
ANSC 101/103	Principles of Animal Science - *Lecture/Lab*	3/1 OR	____
PLSC 101	Introductory Crop Science	4 OR	____
INAG 100	Introduction to Plant Science	4 OR	____
PLSC 100	Introduction to Horticulture	4 OR	____
NFSC 100	Elements of Nutrition	3 OR	____
NFSC 112	Food: Science and Technology	3	____
INAG 102	Agricultural Entrepreneurship	3	____
ENGL 101	Academic Writing	3	____
INAG 123	People, Planet, and Profit: Digging Into Sustainable Agriculture	3	____
INAG 250	Fundamentals of Agricultural Mechanics	3	____
		15-16	
1st YEAR, SPRING SEMESTER			
INAG 104	Agricultural Mathematics (or MATH)	3	____
INAG 105	Soils & Fertilizers	3	____
INAG 110	Oral Communication	3	____
INAG 204	Agricultural Business Management	3	____
INAG 206	Agricultural Business Law	3	____
		15	
SUMMER, BETWEEN 1st and 2nd YEARS			
INAG 299A	Agricultural Practicum	**1**	____
2nd YEAR, FALL SEMESTER			
INAG 103	Agricultural Marketing	3	____
INAG 106	Pesticide Use & Safety (online)	2	____
INAG 201	Agricultural Human Resources Management	3	____
INAG 203	Agricultural Finance	3	____
INAG 299B †	Internship	3	____
INAG 199	Special Problems or Approved Elective	1-3	____
		15-17	
2nd YEAR, SPRING SEMESTER			
INAG 248	Topics in Sustainable Agriculture	1	____
INAG 099	Cooperative Education	*NC* OR	____
Approved Electives		**10-13**	
		1/10	
	TOTAL CREDITS	**50/60**	

Partial List of Approved Electives

S/even years	INAG 205	Analyzing Alternative Enterprises	3	____
S	INAG 207 †	Power and Machinery	3	____
S/odd years	INAG 213	Crop Production Practices	3	____
S/odd years	INAG 224	Greenhouse Production & Management	3	____
F	INAG 231	Insects of Ornamentals & Turfgrass	3	____
S	ANSC 282	Grazing Animal Management	3	____
F	ANSC 220	Livestock Management	3	____

ANSC, ENST, AREC, PLSC 100 and 200 level courses with approval

† *Prerequisite*

Updated 06/2019