

AGRICULTURE FORWARD ADVISING GUIDE
Certificate in Agricultural Leadership and Communication
to Bachelor of Science in Agricultural Science and Technology
Specialization: Agronomy

This is a sample academic plan for an Agriculture Forward student in the College of Agriculture and Natural Resources (AGNR) at the University of Maryland, College Park. An individualized plan will be created with each student based on math placement, transfer credits, and other academic considerations.

1st YEAR, FALL SEMESTER

		Credit Hours	Plan	Taken	Grade
ANSC 101/103	Principles of Animal Science/Lab	4	___	___	___
INAG 102*	Agricultural Entrepreneurship	3	___	___	___
MATH 113	College Algebra and Trigonometry † FSMA	3	___	___	___
PLSC 101	Introduction to Crop Science † DSNL	4	___	___	___
UNIV 100	The Student in the University	1	___	___	___
		15		█	___ GPA

1st YEAR, SPRING SEMESTER

BSCI 160/161	Principles of Ecol. & Evolution/Lab † DSNL	4	___	___	___
CHEM 131/132	Fundamentals of General Chem/Lab † DSNL	4	___	___	___
ENGL 101	Academic Writing † FSAW	3	___	___	___
MATH 120	Elementary Calculus I † FSMA/AR	3	___	___	___ OR
STAT 100	Elementary Statistics & Probability † FSMA/AR	3	___	___	___
		14		█	___ GPA

SUMMER BETWEEN 1st and 2nd YEARS

INAG 288	Agricultural Practicum	1	___	█	___
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2nd YEAR, FALL SEMESTER

AREC 250	Elements of Ag and Resource Econ † DSHS	3	___	___	___
INAG 106	Pesticide Use & Safety	2	___	___	___
INAG 110	Oral Communication † FSOC	3	___	___	___
INAG 289	Internship	3	___	___	___
PLSC 201	Plant Structure and Function	4	___	___	___
		15		█	___ GPA

2nd YEAR, SPRING SEMESTER

ANSC__**	specialization elective	3	___	___	___
ENST 200	Fundamentals of Soil Science † NL	4	___	___	___
INAG 131	Introduction to Agricultural Policy and Comm	3	___	___	___
PLSC 275	Fundamentals of Agricultural Chemistry	3	___	___	___ OR
CHEM 231	Organic Chemistry I	3	___	___	___
_____	_____ † DSHS/IS	3	___	___	___
		16		█	___ GPA

3rd YEAR, FALL SEMESTER

ANSC 220	Livestock Management	3	___	___	___
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AREC 306*	Farm Mgmt & Sust. Food Prod. † DSSP	3	___	___	___	OR
INAG 204	Agricultural Business Mgmt (spring)	3	___	___	___	
ENGL 39_	Professional Writing † FSPW	3	___	___	___	
INAG 103*	Agricultural Marketing	3	___	___	___	
INAG 250	Agricultural Mechanics	<u>3</u>	___	___	___	
		15			___	GPA

3rd YEAR, SPRING SEMESTER

AREC__**	specialization elective	3	___	___	___	
BSCI 337	Biology of Insects	4	___	___	___	
INAG 132	Agricultural Leadership and Teamwork	3	___	___	___	
INAG 252	Agricultural Public Relations † DSSP	3	___	___	___	
_____	_____ † DSHU/UP/IS	<u>3</u>	___	___	___	
		16			___	GPA

4th YEAR, FALL SEMESTER

ENST__**	specialization elective	3	___	___	___	
INAG 253	Agricultural Strategic Communication	3	___	___	___	
PLSC 389	Internship	3	___	___	___	
PLSC 420	Principles of Plant Pathology	4	___	___	___	
PLSC 453	Weed Science	<u>3</u>	___	___	___	
		16			___	GPA

* Completion of IAA Certificate Requirements *

4th YEAR, SPRING SEMESTER

PLSC 460	Application of Knowledge in Plant Sci † DSSP	3	___	___	___	
PLSC__**	specialization elective	3	___	___	___	
_____	Accounting, education, comp, or policy elective	3	___	___	___	
_____**	ANSC, PLSC, or LARC elective	3	___	___	___	
_____	_____ † DSHU/UP or CC	<u>3</u>	___	___	___	
		15			___	GPA

TOTAL CREDITS 123

* INAG business management course. May choose from INAG 102, 103, 201, 203, 204, or 206. With advisor permission, ANSC 236 or 270 or AREC 306 may be substituted.

** Specialization elective. May choose any course with the appropriate number of credits from the course area indicated by the code.

† General Education Requirement. Distributive Studies courses: student must take two each from HS (history/social sciences); HU (humanities); NS/NL (natural sciences; one must include a lab); and SP (Scholarship in Practice; one of these must be from outside the student's major). Among those eight courses, two must be I-Series courses and two must be Diversity courses (at least one of which must be an Understanding Plural Societies course).

Advised by: _____ Date _____ Date _____ Date _____ Date _____ Date _____

Date _____ Date _____ Date _____ Date _____

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Ag Forward Advising Checklist for Agricultural Leadership and Communication Students

To earn a Certificate in Applied Agriculture, Ag Forward students must complete **60 credits** in accordance with the requirements listed below.

Fundamental Studies (9 credits)

- INAG 110 Oral Communication (3)
- ENGL 101 Academic Writing (3)
- MATH 113 College Algebra and Trigonometry (3) or higher

Fundamental Agricultural Science (4 credits)

One course from the following list:

- INAG 100 Introduction to Plant Science (4)
- PLSC 100 Introduction to Horticulture (4)
- PLSC 101 Introductory Crop Science (4)
- ANSC 101 & 103 Principles of Animal Science & Lab (4)
- NFSC 100 Elements of Nutrition (3)

Applied Agriculture (8 credits)

One course from the following list:

- INAG 105 Soils and Fertilizers (3)
- ENST 200 Fundamentals of Soil Science (4)

All of the following courses:

- INAG 288 Agricultural Practicum (1)
- INAG 289 Internship (3)

Business Management (9 credits)

Three courses from the following list:

- INAG 102 Agricultural Entrepreneurship (3)
- INAG 103 Agricultural Marketing (3)
- INAG 201 Agricultural Human Resource Management (3)
- INAG 203 Agricultural Finance (3)
- INAG 204 Agricultural Business Management (3)
- INAG 205 Analyzing Alternative Enterprises (3)
- INAG 206 Agricultural Business Law (3)
- INAG 204 Agricultural Business Management (3)

With advisor's permission, other courses such as ANSC 270 or AREC 306 may be substituted.

Track Requirements (12 credits)

- INAG 131 Introduction to Agricultural Policy and Communication (3)
- INAG 132 Agricultural Leadership and Teamwork (3)
- INAG 252 Agricultural Public Relations (3)
- INAG 253 Agricultural Strategic Communication (3)

Agriculture and Natural Resources electives (18+ credits) with advisor approval

- ANSC 101/103: Principles of Animal Science/Lab (4)
- AREC 250: Elements of Agricultural and Resource Economics (3)
- PLSC 201: Plant Structure and Function (4)
- ANSC___ (specialization elective) (3)
- ANSC 220: Livestock Management (3)
- INAG 250: Agricultural Mechanics (3)