



Turfgrass Management



Turfgrass managers need expertise in science, people management, and financial planning to satisfy the public's demand for environmentally friendly lawns in commercial, residential, and parkland settings. At the IAA, you will receive a combination of education and internship experience that will open doors in such areas of turfgrass management as sod production, lawn and landscape maintenance, and large scale institutional grounds management.

The turfgrass industry is expanding rapidly and generates over \$30 billion annually in the United States. In Maryland, the turfgrass industry employs over 12,500 individuals and contributes \$1.5 billion annually to the state's economy.

IAA Students Receive:

- **In-depth courses** about turfgrasses, soils, fertilizers, pest management, etc.
- **Management education** directed toward lawn care and sod production 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 **Turfgrass Management** 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:

Institute of Applied Agriculture
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Join the Conversation:



2-YEAR PLAN FOR TURFGRASS MANAGEMENT

<u>1st YEAR, FALL SEMESTER</u>		<u>Credit Hours</u>	
INAG 100	Introduction to Plant Science	4	
INAG 102	Agricultural Entrepreneurship	3	
PLSC 205	Introduction to Turf Science and Management	4	_____
ENGL 101	Academic Writing	3	_____
Approved Elective(s)		<u>3</u>	_____
		17	
<u>1st YEAR, SPRING SEMESTER</u>			
INAG 104	Agricultural Mathematics (or MATH)	3	_____
INAG 105	Soils & Fertilizers	3	_____
INAG 106	Pesticide Use & Safety	2	_____
INAG 110	Oral Communication	3	_____
Approved Elective(s)		<u>2-3</u>	_____
		13-14	
<u>SUMMER, BETWEEN 1st and 2nd YEARS</u>			
INAG 299A	Agricultural Practicum	1	_____
<u>2nd YEAR, FALL SEMESTER</u>			
INAG 201	Agricultural Human Resources Management	3	_____
INAG 237 †	Surveying & GPS Applications in Agriculture	3	_____
INAG 250	Fundamentals of Agricultural Mechanics	3	_____
INAG 299B †	Internship	3	_____
Approved Elective(s)		<u>3</u>	_____
		15	
<u>2nd YEAR, SPRING SEMESTER</u>			
INAG 204	Agricultural Business Management	3	_____
INAG 206	Agricultural Business Law	3	_____
INAG 207 †	Power & Machinery	3	_____
INAG 235	Irrigation & Drainage Practices for Turf	3	_____
Approved Elective(s)		<u>3</u>	_____
		15	
TOTAL CREDITS		60-61	

Partial List of Approved Electives

F	INAG 103	Agricultural Marketing	3	_____
F/S	INAG 199	Special Problems	1-3	_____
F	INAG 203	Agricultural Finance	3	_____
F/even years	INAG 251 †	Landscape Construction	3	_____
F/odd years	INAG 222	Landscape Design & Implementation	4	_____
F	INAG 226	Diseases of Ornamentals & Turfgrass	3	_____
F	INAG 231	Insects of Ornamentals & Turfgrass	3	_____
S/odd years	INAG 272	Principles of Arboriculture	3	_____
F	PLSC 253 †	Woody Plants/Mid-Atlantic Landscapes I	3	_____

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

† *Prerequisite*

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