



MISSISSIPPI STATE UNIVERSITY™
**COLLEGE OF AGRICULTURE
 AND LIFE SCIENCES**

Department of Plant and Soil Sciences

Major: Agronomy - Integrated Pest Management (IPM) - 123

Catalog year 2023

Freshman Year

Fall Semester			Spring Semester		
AEC 2713	Intro to Food & Res Econ OR	3	EN 1113	English Composition II OR	3
EC 2113	Prin Macroeconomics OR		EN 1173	Accelerated Comp. II	
EC 2123	Prin Microeconomics		ST 2113	Intro to Statistics OR	3
EN 1103	English Composition I OR	3	ST 3123	Intro Statistical Inference	
EN 1104	Expanded English Comp I		CH 1053	Survey of Chemistry II OR	3
CH 1043	Survey of Chemistry OR	3	CH 1223	Chemistry II	
CH 1213	Chemistry I		CH 1051	Experimental Chem OR	1
PSS 1313	Plant Science	3	CH 1211	Invest in Chemistry I	
AEC 1223	Comp Appl Ag Life Sci OR	3	_____	Social Sci Elective Gen Ed	3
AELC 4203	App Comp Tech AELC		_____	Fine Art Elective	3
		15			16

Sophomore Year

Fall Semester			Spring Semester		
<i>BIO 2113</i>	<i>Plant Biology OR</i>	3	CO 1003	Fund of Public Speak OR	3
BIO 1144	Biology II		CO 1013	Intr Communications	
PSS 3301	Soils Lab	1	<i>CH 2503</i>	<i>Elementary Organic Chem</i>	3
PSS 3303	Soils	3	<i>PSS 4313</i>	<i>Soil Fertility</i>	3
<i>PSS 3133</i>	<i>Intro to Weed Science</i>	3	<i>PSS 4633</i>	<i>Weed Biology and Ecology</i>	3
_____	Humanities Elective Gen Ed	3	_____	Humanities Elective Gen Ed	3
_____	Unrestricted (Free) Elective	3			
		16			15

Summer

10 Week Term		
PSS 3423	Agronomy Internship	3

Junior Year

Fall Semester			Spring Semester		
AEC 3133	Intro Agribusiness Mgmt	3	<i>PSS 4113</i>	<i>Ag Crop Physiology OR</i>	3
AELC 3203	Prof Writing ANRHS	3	BIO 4214	General Plant Physiology	
EPP 4154	General Entomology	4	PSS 4493	Plant Genetics OR	3
_____	Restricted Elective	3	PO 3103	Genetics I	
_____	Restricted Elective	3	_____	Agron Crop Prod Elective	3
		16	_____	Restricted Elective	3
					12

Senior Year

Fall Semester			Spring Semester		
<i>EPP 4113</i>	<i>Princ.Plant Pathology</i>	3	<i>EPP 4163</i>	<i>Plant Disease Management</i>	3
<i>PSS 4553</i>	<i>Plant Growth and Develop</i>	3	<i>EPP 4263</i>	<i>Princ Insect Pest Mgt</i>	3
_____	Restricted Elective	3	<i>PSS 4813</i>	<i>Herbicide Technology</i>	3
_____	Restricted Elective	3	_____	Restricted Elective	3
_____	Agron Crop Prod Elective	3	_____	Business Elective	3
		15			15

◆◆ Courses printed in italic are taught only in the Fall or Spring semester, as listed. ◆◆

Students are required to make a "C" or better in all required EPP and PSS courses

¥ PSS Agronomy: IPM Business, Agronomy Crop and Restricted Electives (See listing on back.)

Agronomy: Integrated Pest Management

Business Elective: 3 hours required

AEC 2223	Sustainability Economics
AEC 3233	Int. Environmental Economics & Policy
AEC 3413	Int. Food Marketing
MGT 3513	Intro Human Resource Management
MKT 3013	Prin. Marketing

Agronomy Crop Production Elective: 6 hours required

PSS 4103	Forage and Pasture Crops
<i>PSS 4123</i>	<i>Grain Crops#</i>
<i>PSS 4133</i>	<i>Fiber and Oilseed Crops*</i>

Restricted Electives: 18 Hours Required

ACC 2013	Principles of Financial Accounting
BIO 3304	General Microbiology
<i>BIO 4203</i>	<i>Taxonomy of Spermatophytes#</i>
<i>EPP 3124</i>	<i>Forest Pest Management*</i>
<i>EPP 3423</i>	<i>Ornamental & Turfgrass Insects*</i>
<i>EPP 4214</i>	<i>Diseases of Crops#</i>
<i>EPP 4234</i>	<i>Field Crop Insects*</i>
<i>EPP 4523</i>	<i>Turfgrass Diseases*</i>
<i>EPP 4543</i>	<i>Toxicology and Insecticide Chem#</i>
GR 2313	Maps and Remote Sensing
GR 3133	Conservation Natural Resources
GR 3303	Survey of Geospatial Technologies
GR 3311	Geospatial Applications
GR 4303	Principles of GIS
GR 4333	Remote Sensing Phys Environment
GR 4343	Advanced Remote Sensing
MA 1313	College Algebra
PSS 2423	Plant Materials I
PSS 2543	Precision Agriculture I
<i>PSS 3043</i>	<i>Fruit Science*</i>
<i>PSS 3473</i>	<i>Plant Materials II#</i>
<i>PSS 3633</i>	<i>Sustainable and Organic Horticulture*</i>
<i>PSS 4143</i>	<i>Advanced Fruit Science#</i>
<i>PSS 4153</i>	<i>Sustainable Agroecology#</i>
<i>PSS 4314</i>	<i>Microbiology Ecology of Soil</i>
<i>PSS 4323</i>	<i>Soil Classification*</i>
<i>PSS 4333</i>	<i>Soil Conservation and Land Use#</i>
<i>PSS 4343</i>	<i>Control Environment Ag*</i>
<i>PSS 4353</i>	<i>Arboriculture and Landscape Maint.*</i>
<i>PSS 4363</i>	<i>Sustainable Nursery Production#</i>
<i>PSS 4373</i>	<i>Geospatial Agronomic Mgmt*</i>
PSS 4383	Ag Remote Sensing I
PSS 4393	Ag Remote Sensing II
PSS 4411	Remote Sensing Seminar
<i>PSS 4413</i>	<i>Turf Management*</i>
<i>PSS 4453</i>	<i>Vegetable Production*</i>
PSS 4483	Intro Remote Sensing
PSS 4543	Precision Agriculture II
PSS 4613	Floral Crop Programming
PSS 4733	Ag Flight Tech I
PSS 4800	Undergraduate Research in PSS

* Fall course offering

Spring course offering