



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

Department of Plant and Soil Sciences

Major Agronomy - Golf And Sports Turf Management (GSTM) - 124 Hours

Catalog year 2023

Freshman Year

Fall Semester			Spring Semester		
EN 1103	English Composition I OR	3	EN 1113	English Composition II OR	3
EN 1104	Expanded English Comp I		EN 1173	Accelerated Comp. II	
FLS 1113	Spanish I	3	FLS 1123	Spanish II	3
PSS 1313	Plant Science	3	CH 1053	Survey of Chemistry II OR	3
CH 1043	Survey of Chemistry I OR	3	CH 1223	Chemistry II	
CH 1213	Chemistry I		CH 1051	Experimental Chem OR	1
CO 1003	Fundamentals of PublicSpk	3	CH 1211	Invest in Chemistry I	
CO 1013	Intro to Communications		PSS 3421	Turf Seminar II	1
PSS 3411	Turf Seminar I	1	_____	Fine Art Elective	3
		16			14

Sophomore Year

Fall Semester			Spring Semester		
<i>BIO 2113</i>	<i>Plant Biology OR</i>	3	PSS 3301	Soils Lab	1
BIO 1144	Biology II		PSS 3303	Soils	3
<i>PSS 2111</i>	<i>Intro to Turfgrass Mgt LAB</i>	1	<i>CH 2503</i>	<i>Elem Organic Chemistry</i>	3
<i>PSS 2113</i>	<i>Intro to Turfgrass Mgt</i>	3	<i>CH 2501</i>	<i>Elem Organic Chemistry lab</i>	1
<i>EPP 3423</i>	<i>Ornamental Turf Insects</i>	3	AEC 2713	Intro to Food&ResEcon OR	3
<i>PSS 3133</i>	<i>Intro to Weed Science</i>	3	EC 2113	Princ of Macro OR	
MA 1323	Trigonometry OR	3	EC 2123	Princ of Micro	
ST 2113	Intro to Stats OR		PSS 2423	Plant Materials I	3
MA 2113	Intro to Stats		_____	Business Elective	3
		16			17

Summer 10 Week Term - CO 2103 Coop Education

Junior Year

Fall Semester			Spring Semester		
<i>EPP 4113</i>	<i>Princ.Plant Pathology</i>	3	<i>PSS 4113</i>	<i>Ag Crop Physiology OR</i>	3
ACC 2013	Princ of Acct I	3	<i>BIO 4214</i>	<i>General Plant Physiology</i>	
AELC 3203	Prof Writ ANRH Sci	3	<i>PSS 4313</i>	<i>Soil Fertility</i>	3
MGT 3513	Intro Human Res Mgt	3	<i>LA 4344</i>	<i>Lands Arch Constr IV</i>	4
ABE 2873	Land Surveying	3	<i>PSS 4443</i>	<i>Athletic Field Management</i>	3
			_____	Restricted Elective	3
		15			16

Summer 10 Week Term - CO 2103 Coop Education

Senior Year

Fall Semester			Spring Semester		
<i>EPP 4523</i>	<i>Turfgrass Diseases OR</i>	3	AEC 3133	Intro Agribusiness Mgmt	3
EPP 4163	<i>Plant Disease Management</i>		_____	Restricted Elective	3
<i>PSS 4413</i>	<i>Turf Management</i>	3	_____	Restricted Elective	3
<i>PSS 4423</i>	<i>Golf Course Operations</i>	3	_____	Sustainability Elective	3
<i>PSS 4823</i>	<i>Turf Weed Management</i>	3	_____	Social Science Elective	3
<i>PSS 4353</i>	<i>Arboriculture</i>	3			
		15			15

GSTM Students are required to complete 3 Coops including a Spring-Summer or a Summer-Fall Coop.

◆◆ 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 PSS courses

¥ PSS Agronomy: GSTM Sustainability and Restricted Electives (See listing on back.)

Agronomy: Golf and Sports Turf Management

Business Elective: 3 hours required

AEC 2223	Sustainability Economics
AEC 3233	Int. Environmental Economics & Policy
AEC 3413	Int. Food Marketing

Sustainability Electives: 3 Hours Required

<i>LA 4753</i>	<i>Sustainable Landscape Mgt*</i>
PSS 2543	Precision Agriculture I
<i>PSS 3633</i>	<i>Sustainable and Organic Horticulture*</i>
<i>PSS 4153</i>	<i>Sustainable Agroecology#</i>
<i>PSS 4363</i>	<i>Sustainable Nursery Production#</i>

Restricted Electives: 6 Hours Required

ABE 2173	Agri Off-Road Machines
BCH 4013	Principles of Biochemistry
CO 3213	Small Group communications
GR 1604	Weather and Climate
KI 2213	Emergency Health Care
<i>LA 4753</i>	<i>Sustainable Landscape Mgt*</i>
MA 1313	College Algebra
<i>PSS 3473</i>	<i>Plant Materials II#</i>
<i>PSS 3633</i>	<i>Sustainable and Organic Horticulture*</i>
<i>PSS 3923</i>	<i>Plant Propagation#</i>
<i>PSS 4153</i>	<i>Sustainable Agroecology#</i>
<i>PSS 4343</i>	<i>Control Environment Ag*</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
<i>PSS 4483</i>	<i>Intro Remote Sensing</i>
<i>PSS 4543</i>	<i>Precision Agriculture II</i>
<i>PSS 4553</i>	<i>Plant Growth & Development*</i>
<i>PSS 4733</i>	<i>Ag Flight Tech I</i>
<i>PSS 4800</i>	<i>Undergraduate Research in PSS</i>

* Fall course offering

Spring course offering