

# Golf and Sports Turf Management

## Faculty

Assistant Professors: Dr. Barry Stewart and Gregg Munshaw

Golf and Sports Turf Management (GSTM) is the study of plant and soil sciences for the culture of turfgrass on golf and sports facilities. The GSTM curriculum prepares individuals for careers as golf superintendents at private, daily fee, and resort courses or as sports turf managers at city, school and professional sports turf facilities (i.e. football, baseball, soccer...fields). New construction of golf courses and sports facilities has let to a heightened demand for trained golf and sports turf management professionals. Three semesters of Cooperative Education work experience will be required of all students enrolled in the GSTM option. Cooperative Education Requirements: GSTM students must complete a minimum 12 month or three semester COOP Work at a golf course with an individual who is certified or progressing toward certification with the Golf Course Superintendent Association of America or at a sports stadium with a recognized sports turf manager. One of the three COOP semesters enrolled by the student must be a non-summer semester period. A 2.50 cumulative QPA on all MSU work is required to participate in the GSTM COOP program.

Freshman Year	
First Semester	Second Semester
BIO 1203 Plant Biology	ACC 2013 Princ of Acct I
CH 1043 Survey of Chem. I	CH 1053 Survey of Chem II
MA 1313 College Algebra	CH 1051 Exper. Chemistry
EN 1103 English Comp I	EN 1113 English Comp II
FLS 1113 Spanish I	FLS 1123 Spanish II
PSS 3411 Turf Seminar	CO 1003 Fund of Public Spk.
	PSS 3421 Turf Seminar
16 Hours	17 Hours
Total 33 hours	

Freshman Year	
Summer Semester	
CP 2103 Coop Educ. Opt. To Student	

Sophomore Year	

First Semester	Second Semester
CH 2503 Elem. Organic Chemistry	ABE 2873 Land Surveying
CH 2501 Elem. Organic Chemistry I Lab	3 Hours Social/Beh. Science Elective
LA 3603 Design of Golf Environment	PSS 2423 Plant Materials I
3 Hours Math Elective	EC 2113 Princ. Macroeconomics
EPP 3423 Ornamental Turf Insects	3 Hours Restricted Electives
PSS 1313 Plant Science	
16 Hours	15 Hours
Total Hours 64	

Sophomore Year	
Summer Semester	
CP 2103 Coop Educ.	

Junior Year	
First Semester	Second Semester
PSS 3133 Intro to Weed Science	PSS 4313 Soil Fertility
EPP 3113 Intro to Plant Pathology	PSS 4414 Turf Management
PSS 3303 Soils	MGT 3513 Intro to Human Res. Mgt.
PSS 3301 Soils Laboratory	PSS 4353 Arboriculture
PE 3213 Emergency Health Care	3 Hours Restricted Elective
ABE 4163 Mach. Mgt. of Ag. Eco.	
16 Hours	16 Hours
Total Hours 96	

Junior Year	
Summer Semester	

CP 2203 Coop Educ.	
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Senior Year	
First Semester	Second Semester
CP 3303 Coop Education	LA 4344 Land Arch. Contr. IV
	PSS 4443 Athletic Field Management
	3 Hours Restricted Elective
	3 Hours Fine Art Electives
	Hours 13
<b>Total Hours 109</b>	

Senior Year	
Summer Semester	
CP 2203 Coop Educ. Opt. To Student	

Fifth Year	
First Semester	
EPP 4523 Turfgrass Diseases	
PSS 4823 Turf Weed Management	
PSS 4423 Golf Course Operations	
BIO 4214 Plant Physiology	
Hours 13	
<b>Total Hours 122</b>	

Mississippi State offers many opportunities to gain experience while you attended classes. The MSU Golf Course and MSU Athletic Fields are maintained by students work crews. By working at these facilities, as well as the required coop work experiences, students build a strong resume' and work record in addition to attending classes.

The curricula focus is on the application of sciences to the integrated management of turfgrasses for athletic fields and golf courses. Central to this course of study is the dedication to conserve, maintain, and enhance our environment.