

From: [Osborne, Jeanne](#)
To: [Smith, Randy](#)
Cc: [Reed, Katie](#); [Violet, Cynthia](#); [Lewandowski, Monica](#); [Barker, David](#); [Klooster, Wendy](#); [Lindsey, Alexander](#)
Subject: Information item for CAA: Update to the Sustainable Plant Systems - TGS BS AGR
Date: Friday, June 13, 2025 9:54:27 AM
Attachments: [SPS Turfgrass \(eff AU22\) - Final CORRECTED.docx](#)
[image001.png](#)

Dear Dr. Smith

Attached please find an updated curriculum sheet for the Sustainable Plant Systems – Turfgrass Science Specialization BS AGR Effective AU22, offered in the College of Food, Agricultural, and Environmental Sciences. In the process of reviewing majors to be programmed into the new degree audit system, Buckeye Degree Planner, we are carefully reviewing all our curriculum sheets. For the SPS-TGS major, Effective AU22, we identified a correction that is the result of course changes that are different than what was listed in the original curriculum sheets. Specifically:

- AGSYSMT 3580 has been replaced by AGSYSMT 5560 – this is listed in the Minor Equivalent Group A
- CONSCI 3910 has been replaced by CSHSPMG 3910 – this is listed in the Minor Equivalent Group A

No current students will be impacted by this update.

Attached please find an updated curriculum sheet highlighting the changes. I believe this can be shared as an information item with the Council on Academic Affairs – if you believe this will require a vote for approval (rather than shared as an information item), please let me know and I will prepare a formal proposal for revision.

Please let me know if you need additional information or clarification.

Thank you,

Jeanne



Jeanne M. Osborne | Pronouns: She, Her, Hers

Assistant Dean for Academic Affairs
College of Food, Agricultural, and Environmental Sciences
100E Agricultural Administration, 2120 Fyffe Rd.
Columbus, OH 43210
Tel: 614-292-1734
Fax: 614-292-1218
e-mail: Osborne.2@osu.edu

'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)

Bachelor of Science in Agriculture
Major: Sustainable Plant Systems
Specialization: Turfgrass Science

*Students learn to manage and maintain turf as they gain knowledge in plant biology, soil and turfgrass science.
Students in this major will complete a minimum of 121 hours outlined as follows.*

General Education Requirements		
Requirement	Course Options	Hours
GE Launch Seminar	GENED 1201	1
Writing and Information Literacy	Major requirement: ENGLISH 1110 * (or <i>Student Choice – see below</i>)	3
Mathematical & Quantitative Reasoning/Data Analysis	Major requirement: MATH 1130, 1148, 1150, 1151, or 1156 * (or <i>Student Choice – see below</i>)	4-5
Literary, Visual and Performing Arts	Student Choice	3
Historical & Cultural Studies	Student Choice	3
Natural Science	Major requirement: BIOLOGY 1113 * (or <i>Student Choice – see below</i>)	4
Social & Behavioral Sciences	Major requirement: AEDECON 2001 or ECON 2001.01 * (or <i>Student Choice – see below</i>)	3
Race, Ethnic and Gender Diversity	Student Choice	3
Theme: Citizenship for a Diverse & Just World^a	Student Choice	4-6
Theme: Student Choice^a	Student Choice	4-6
GE Reflection	GENED 4001	1
Credit Hours:		33-38

* Indicates a pre/corequisite course for this major that also satisfies this GE category. If a student makes an alternative selection in this GE category, **they must also complete this course.**

B.S. in Agriculture Degree Requirements		
Requirement	Course Options	Hours
College & Department Survey	FAES 1100 (0.5) & HCS 1100 (0.5)	1
Oral Expression	AGRCOMM 3130 or COMM 2110	3
Additional Science	CHEM 1110, 1210, or 1220	5
Internship	FAES 3191 & HCS 4191.01	2
Minor Equiv. ^b	See pg. 2	15-18
Credit Hours:		26-29

^a Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student's choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a ♦ symbol.

^b Students in this program complete a group of courses called a minor equivalent. Declaring an additional minor is not required.

^c Only up to 6 credits of any combination of 4193, 4998, 4999, or 4999H can count towards major electives.

^d Review prerequisites.

General Education	33-38
Degree Requirements	26-29
Major	53-54
Open Electives	0-9
Minimum Total Credit Hours	121

Major Coursework		
Course	Title	Hours
HCS 2202	Form and Function in Cultivated Plants	4
HCS 2201 -OR-	Ecology of Managed Plant Systems (prior to AU22)	4
HCS 2204 &	Ecology of Managed Plant Systems ♦ (3)	
HCS 2205	Ecology of Managed Plant Systems Lab (1)	
HCS 2260	Data Analysis and Interpretation for Decision Making	3
HCS 2270	Historical Perspectives on Golf Course Design and Management	2
HCS 3310	Crop Responses to the Environment	3
HCS 3370	Sports Turf Management	2
HCS 3420	Seed Science	3
HCS 3470	Introduction to Turfgrass Management	3
HCS 4504	Advanced Golf Operations (Capstone)	3
HCS 4570	Turfgrass Management and Science	3
HCS 5422	Biology & Management of Weeds and Invasive Plants	3
HCS 5670	Golf Courses and the Environment	2
ENR 3000	Soil Science	3
ENTMLGY 4600	Intro to Insect Science	1
ENTMLGY 5608	Turfgrass Insect Pest Management	2
PLNTPTH 3001	General Plant Pathology	3
PLNTPTH 3002	General Plant Pathology Lab	2
Major Electives: Select 7-8 credit hours from:		
HCS 2340.01	Woody Ornamental Plants	3
HCS 2340.02	Herbaceous Ornamental Plants	3
HCS 2501	Basic Club Design and Repair	1
HCS 3220	Crop Origins and Diversity	2
HCS 3320	Plant Propagation	3
HCS 3380	Latino Workforce in Land Based Industries	2
HCS 3488.01	Professional Development in Hort. And Crop Science	1-3
HCS 4193	Individual Studies ^c	1-3
HCS 4520	Medicinal Plants	2
HCS 4998	Undergraduate Research ^c	1-12
HCS 4999	Research with Distinction ^c	1-6
HCS 4999H	Honors Research with Distinction ^c	1-6
HCS 5097.01-04 & 5797.01-04	Study Abroad Predeparture & Study Abroad	4
HCS 5325	Plant Genetics	3
HCS 5602	Ecology of Agriculture	3
HCS 5621	Physiology of Cultivated Plants	3
HCS 5622	Biochemical Processes in Cultivated Plants	3
HCS 5625^d	Applied Plant Biotechnology	2
HCS 5825^d	Plant Breeding	2
Credit Hours:		53-54

Minor Equivalent (15-18 hours)		
Select 15-18 credits from <u>one</u> of the groups below:		
Group A: Management		
AEDECON 3101	Principles of Agribusiness Management	3
AEDECON 3102	Principles of Agribusiness Marketing	3
AEDECON 3160	Human Resource Management in Small Business	3
AGSYSMT 2240	Basic Metal Fabrication for Agriculture	3
AGSYSMT 3232	Engines and Power Transmission	3
AGSYSMT 3580/5560	UAS and Remote Sensing in Agriculture	3
AGSYSMT 4580	Precision Agriculture	3
BUSMHR 2210	Personal Leadership & Team Effectiveness	3
BUSML 3150	Foundations of Marketing	3
CONSCI 2910	Consumer Problems and Perspectives	3
CSHSPMG 3910	Customer Service and Satisfaction	3
ENR 3001	Soil Science Laboratory	1
ENR 5272	Turfgrass Soils	2
ENR 5279	Urban Soils and Ecosystems Services	3
ENTMLGY 5500	Biological Control	3
ENTMLGY 5600	Integrated Pest Management	3
ENTMLGY 5800	Pesticide Science	3
PLNTPTH 5130	Turfgrass Diseases and Integrated Turf Health Management	4
PLNTPTH 5603	Plant Disease Management	3
Group B: Research		
CHEM 2310	Introductory Organic Chemistry	4
BIOCHEM 4511	Introduction to Biological Chemistry	4
EEOB 3310.01 -or- 3310.02	Evolution	4
EEOB 3410	Ecology	4
ENR 5268	Soils and Climate Change	3
GEOG 5900	Weather, Climate, & Global Warming	3

Policies and General Requirements for Degree

- A minimum of 121 total credit hours. Remedial coursework (English 1109; EDUTL 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1010; Mathematics 1040, 1050, 1073, 1074, 1075) do not count toward the 121-hour minimum requirement for the BS degree.
- A minimum of 30 semester hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last semester in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all coursework completed at The Ohio State University as well as at least a 2.00 in the major.
- If a major-required course or major elective is a GE Theme course, two 3-4 cr courses (no more than one per theme area) is permitted to double count in the GE and major hours. GE Theme courses are indicated with a ♦ symbol.
- Students are encouraged to participate in education abroad opportunities. Consult with your advisor for how education abroad credit applies to your degree or consider the CFAES Global Option.
- Students must complete a minimum of 40 hours in major/major supporting coursework with at least 12 hours taken from the academic unit(s) offering the major at OSU in the baccalaureate program.
- Courses required in the major (including major supporting courses and major electives) may **not** be taken pass/non-pass.
- Coursework taken as open electives may include a maximum of 4 credit hours of physical activity courses (all 1139-1197 courses), and a maximum of 4 credit hours of campus music organizations.
- A college maximum of six hours of individual studies courses (x193) can be applied toward graduation; some majors may have a lower maximum.
- Students of CFAES must complete an internship of 1-2 hours as a requirement for degree. Any additional internship credit hours may count towards major hours (consult with your advisor). A college maximum of six hours of internship credit can be applied toward graduation; some majors may have a lower maximum.
- A maximum of three credits of 3488 can be applied toward graduation although some majors may have a lower maximum. A cumulative point-hour ratio of 2.0 is required to register for 3488 credit.
- Credit hours for 4999 ("with Research Distinction") and 4999H ("with Honors Research Distinction") are repeatable to maximum of six hours.
- **An application for degree must be submitted online at least two semesters prior to the intended graduation term. Application found at:**
<https://students.cfaes.ohio-state.edu/academics/undergraduate/graduation>

Policies and General Requirements for Minors/Minor Equivalent

- The minor/minor equivalent must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e., if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
- A 2.00 cumulative point-hour ratio is required in the minor/minor equivalent with a minimum C- grade for any course to be listed in the minor or minor equivalent (includes transfer credit).
- For programs requiring a minor: minors should be declared by the time students complete 60 hours.
- A student is permitted to count up to 6 credit-hours of transfer and/or EM credit in the minor or minor equivalent.
- Coursework graded Pass/Non-Pass cannot count in the minor. No more than 3 credit-hours of course work graded S/U may count toward the minor. Maximum of 3 credit-hours of xx93 are allowed to count in the minor.