TURFGRASS SCIENCE, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: University Park, World Campus

Degree Requirements

For the Bachelor of Science degree in Turfgrass Science, a minimum of 120 credits is required:

Requirement	Credits
General Education	45
Electives	1
Requirements for the Major	92

18 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 3 credits of GWS courses; 6 credits of GQ courses; 9 credits of GN courses.

Requirements for the Major

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/).

Code	Title	Credits
Prescribed Courses		
Prescribed Courses: Require a grade of C or better		
AGBM 106	Agribusiness Problem Solving	3
CHEM 202	Fundamentals of Organic Chemistry I	3
ENT 317	Turfgrass Insect Pest Management	3
MATH 21	College Algebra with Analytic Geometry with Applications I	3
PPEM 412	Turfgrass Disease Management	3
SOILS 101	Introductory Soil Science	3
STAT 200	Elementary Statistics	4
TURF 230	Turfgrass Pesticides	1
TURF 235	The Turfgrass	3
TURF 238	Turf and Ornamental Weed Control	3
TURF 307	Golf Course Irrigation and Drainage	3
TURF 425	Turfgrass Cultural Systems	3
TURF 434	Turfgrass Edaphology	3
TURF 435	Turfgrass Nutrition	4
TURF 436W	Case Studies in Turfgrass Management	3
TURF 490	Colloquium	1
TURF 495	Internship	3
Additional Courses		
BIOL 11 & BIOL 12	Introductory Biology I and Introductory Biology II	4
or BIOL 110	Biology: Basic Concepts and Biodiversity	
BIOL 127	Introduction to Plant Biology	3
or HORT 101	Horticultural Science	
ENGL 202C	Effective Writing: Technical Writing	3
or ENGL 202D	Effective Writing: Business Writing	
METEO 3	Weather Revealed: Introductory Meteorology	3
or METEO 101	Understanding Weather Forecasting	
Additional Courses: Require a grade of C or better		
CHEM 101	Introductory Chemistry	3
or CHEM 110	Chemical Principles I	
or CHEM 130	Introduction to General, Organic, and Biochemistry	
Supporting Courses and Related Areas		
Select 12 credits from department professional agriculture list		12
Select 15 credits from department professional management and economics list		15

General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)

- **Quantification (GQ):** 6 credits
- **Writing and Speaking (GWS):** 9 credits

Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)

- **Arts (GA):** 3 credits
- **Health and Wellness (GHW):** 3 credits
- **Humanities (GH):** 3 credits
- **Social and Behavioral Sciences (GS):** 3 credits
- **Natural Sciences (GN):** 3 credits

Integrative Studies

- **Inter-Domain Courses (Inter-Domain):** 6 credits

Exploration

- **GN,** may be completed with Inter-Domain courses: 3 credits
- **GA, GH, GN, GS, Inter-Domain courses.** This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student's degree program, whichever is higher**:** 6 credits

University Degree Requirements

First Year Engagement

All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3

credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement
6 credits are required and may satisfy other requirements

- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum
3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits
A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work
Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition
The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/)). For more information, check the Suggested Academic Plan for your intended program.