

TURFGRASS SCIENCE AND MANAGEMENT, A.S.

Begin Campus: World Campus

End Campus: World Campus

Degree Requirements

For the Associate in Science degree in Turfgrass Science and Management, a minimum of 61 credits is required:

Requirement	Credits
General Education	21
Electives	3
Requirements for the Major	52

15 of the 21 credits for General Education are included in the Requirements for the Major. This includes: 6 credits of GN courses; 3 credits of GQ courses; 3 credits of GWS courses; 3 credits of GH courses.

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 associate degree 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/associate-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.)

- **Quantification (GQ):** 3 credits
- **Writing and Speaking (GWS):** 3 credits

Knowledge Domains

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

Note: Up to six credits of Inter-domain courses may be used for any Knowledge Domain requirement, but when a course is used to satisfy more than one requirement, the credits from the course can be counted only once.

Foundations or Knowledge Domains

- **Any General Education course:** 3 credits

University Degree Requirements

Cultures Requirement

3 credits of United States (US) or International (IL) cultures coursework are required and may satisfy other requirements

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 60 degree credits must be earned for an associates degree. The requirements for some programs may exceed 60 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

Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (<http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80>)). For more information, check the Suggested Academic Plan for your intended program.

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 (<http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44>).

Code	Title	Credits
Prescribed Courses		
BIOL 11	Introductory Biology I	3
ENGL 15	Rhetoric and Composition	3
MATH 21	College Algebra I	3
PHIL 103W	Ethics	3
<i>Prescribed Courses: Require a grade of C or better</i>		
CHEM 202	Fundamentals of Organic Chemistry I	3
ENT 317	Turfgrass Insect Pest Management	3
SOILS 101	Introductory Soil Science	3
TURF 230	Turfgrass Pesticides	1
TURF 235	The Turfgrass	3
TURF 238	Turf and Ornamental Weed Control	3
TURF 295	Internship	3
Additional Courses		
<i>Additional Courses: Require a grade of C or better</i>		
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 9 credits from department professional agriculture list	9
Select 9 credits from department professional management and economics list ¹	9

¹ 3 of the 9 credits must be from bolded sub-list