PLANT SCIENCE AND TECHNOLOGY, BS

The study of plants is crucial for the survival of humankind and of the planet. Our entire diet comes either directly or indirectly through plants, and plants are a key source of fuel and energy, medicines, and oxygen in the environment. Plants grown in cultivated environments have critical roles in sustaining life and in supporting our economy.

PLANT SCIENCE AND TECHNOLOGY STUDENTS WILL:

- learn about the biology of plants
- investigate the role of plants in food and industrial systems, and how these systems affect climate and resource management
- study the impact of biotechnology, automation, and artificial intelligence in crop production
- learn from experts in a wide variety of plant species such as grains, fruits, vegetables, herbs, ornamental crops, weeds, and plants that appear in agricultural ecosystems.

This training will open up a wide range of careers in crop production, precision agriculture, biotechnology, and more. Additionally, students will be well prepared to attend graduate school in many disciplines from agronomy and crop science to plant biotechnology.

LEARN THROUGH HANDS-ON, REAL-WORLD EXPERIENCES

Core coursework in Plant Science and Technology includes hands-on learning experiences. Examples include using remote sensing to collect data on plant performance, growing crops in hydroponics systems, pollinating plants to create genetic variation, and propagating herbaceous and woody plants.

In addition, students can apply their course learning to real life through research projects, independent studies, and internships with guidance from faculty and staff members. During their final year, majors complete a senior capstone course where they work closely with fellow students and a faculty or staff advisor on a semester-long project designed to bring together a number of aspects of their educational experiences. Through their capstone, students can choose to participate in hands-on projects. For instance, a student's capstone could require they collect data on plant performance in a field or greenhouse and use those data to develop models that can predict future performance. Students can pursue complex scientific interests during their capstone such as studying the distribution of mineral content in crop seeds. Typically, the capstone project involves problem solving and data analysis in a real-world context.

BUILD COMMUNITY AND NETWORKS

Students get to know faculty and instructors through the courses they take, and they can build their networks through independent studies, participation in seminars, paid work in a research or outreach program, field trips, student organizations, and attendance at conferences and workshops. Examples of student organizations include the Badger Crops Club (https://pasdept.wisc.edu/badger-crop-club/) and The People's Farm (https://www.the-peoples-farm.com/). One of the strengths of our program is the opportunity to work with university research and outreach programs and experience scientific inquiry and the communication of scientific findings on real-world problems.

CUSTOMIZE A PATH OF STUDY

Plant Science and Technology students can select from a wide array of elective options to complete coursework that fits their interests and career goals. For some students, gaining experience in a variety of plant materials will be an important career objective, while for other students, exposure to fields such as economics, life sciences communication, foreign languages, or food science might be critical. The Plant Science and Technology major provides ample opportunities for students to identify electives that help build career skills and provide a well-rounded undergraduate experience.

MAKE A STRONG START

A number of first-year seminar courses (https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext) are available to help new students understand academic programs, access student services, and develop time management and study skills.

GAIN A GLOBAL PERSPECTIVE

Many Plant Science and Technology majors study abroad to gain an international perspective and prepare to participate in today's global economy. Students work with their advisor and the CALS study abroad office (https://cals.wisc.edu/academics/undergraduate-students/studyabroad/) to identify appropriate programs. The Plant Science and Technology major is also home to a study abroad program in tropical agriculture (https://studyabroad.wisc.edu/program/?programId=517) that includes a fall semester course and a winter break study abroad experience in Central America.

HOW TO GET IN

HOW TO GET IN

Requirements	Details
How to get in	No application required. All students who meet the requirements listed below are eligible to declare. For information on how to declare, visit Advising & Careers.
Courses required to get in	None
GPA requirements to get in	None
Credits required to get in	Must have fewer than 86 credits.
Other	Students who do not meet the requirements above or are not in good academic standing should schedule a meeting with CALS Dean on Call (https://go.wisc.edu/g85h79 (https://go.wisc.edu/g85h79/)) to discuss exceptions.

PROSPECTIVE UW-MADISON STUDENTS

All prospective UW–Madison students must apply through the Office of Admissions and Recruitment (https://www.admissions.wisc.edu/).

Students interested in this major should select it as the first choice major on their UW–Madison application. Admitted students who enroll at UW-Madison and attend Student Orientation, Advising, and Registration

(SOAR) with the College of Agricultural and Life Sciences have the option to declare this major at SOAR. More information is available here (https://cals.wisc.edu/academics/undergraduate/future-students/).

Students declared in the Agronomy or Horticulture BS may not also declare the Plant Science and Technology BS.

REQUIREMENTS

UNIVERSITY GENERAL EDUCATION REQUIREMENTS

All undergraduate students at the University of Wisconsin-Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (https://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudytext) section of the Guide.

General Education
- Breadth—Humanities/Literature/Arts: 6 credits
- Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES REQUIREMENTS

In addition to the University General Education Requirements, all undergraduate students in CALS must satisfy a set of college and major requirements. Courses may not double count within university requirements (General Education and Breadth) or within college requirements (First-Year Seminar, International Studies, Science, and Capstone), but courses counted toward university requirements may also be used to satisfy a college and/or a major requirement; similarly, courses counted toward college requirements may also be used to satisfy a university and/or a major requirement.

COLLEGE REQUIREMENTS FOR ALL CALS BS DEGREE PROGRAMS

Code	Title	Credits
Quality of Work: Students must maintain a minimum cumulative grade point average of 2.000 to remain in good standing and be eligible for graduation.		
Residency: Students must complete 30 degree credits in residence at UW–Madison after earning 86 credits toward their undergraduate degree.		
First year seminar (https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSFirstYearSeminarCourses)		1
International studies (https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSInternationalStudiesCourses)		3
Physical science fundamentals		4-5
CHEM 103	General Chemistry I	
or CHEM 108	Chemistry in Our World	
or CHEM 109	Advanced General Chemistry	
Biological science		5
Additional science (biological, physical, or natural)		3
Science breadth (biological, physical, natural, or social)		3
CALS Capstone Learning Experience: included in the requirements for each CALS major (see "major requirements") (https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSCapstoneRequirement)		

MAJOR REQUIREMENTS

Code	Title	Credits
Foundation (p. 2)		27-33
Plant Science and Technology Core (p. 3)		22-25
Plant Science and Technology Electives (p. 3)		15
Capstone (p. 5)		2
Total Credits		**66-75**

FOUNDATION

Mathematics

Complete one of the following (or requirement may be fulfilled through placement exam):

Code	Title	Credits
MATH 112 & MATH 113	College Algebra and Trigonometry	6
MATH 114	Precalculus	5
MATH 171	Calculus with Algebra and Trigonometry I	5

Statistics

Complete one of the following:

Code	Title	Credits
STAT 240	Data Science Modeling I	4
STAT 301	Introduction to Statistical Methods	3
STAT 371	Introductory Applied Statistics for the Life Sciences	3

Chemistry

Complete one of the following:

Code	Title	Credits
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II	9
CHEM 109	Advanced General Chemistry	5

Biology
Complete one of the following sequences:

Sequence 1

Code	Title	Credits
BIOLOGY/ BOTANY 130	General Botany	5
BIOLOGY/ ZOOLOGY 101	Animal Biology	3
BIOLOGY/ ZOOLOGY 102	Animal Biology Laboratory	2
Total Credits		**10**

Sequence 2

Code	Title	Credits
BIOLOGY/BOTANY/ ZOOLOGY 151	Introductory Biology	5
BIOLOGY/BOTANY/ ZOOLOGY 152	Introductory Biology	5
Total Credits		**10**

Sequence 3

Code	Title	Credits
BIOCORE 381	Evolution, Ecology, and Genetics	3
BIOCORE 382	Evolution, Ecology, and Genetics Laboratory	2
BIOCORE 383	Cellular Biology	3
BIOCORE 384	Cellular Biology Laboratory	2
Total Credits		**10**

Economics
Complete one of the following:

Code	Title	Credits
A A E 101	Introduction to Agricultural and Applied Economics	4
ECON 101	Principles of Microeconomics	4
ECON 111	Principles of Economics-Accelerated Treatment	4

PLANT SCIENCE AND TECHNOLOGY CORE

Plant Science
Complete all of the following:

Code	Title	Credits
PLANTSCI 110	Introduction to Plant Science and Technology	4
PLANTSCI 310	Plant Science and Technology in Cropping Systems	4
SOIL SCI 301	General Soil Science	3
Total Credits		**11**

Genetics
Complete one of the following:

Code	Title	Credits
GENETICS 466	Principles of Genetics	3
PLANTSCI 338	Plant Breeding and Biotechnology	3

Systems
Complete one of the following:

Code	Title	Credits
PL PATH 300	Introduction to Plant Pathology	4
PLANTSCI 300	Cropping Systems	3
ENTOM/ ZOOLOGY 302	Introduction to Entomology	4

Environment
Complete one of the following:

Code	Title	Credits
PLANTSCI 320	Environment of Cultivated Plants	3
BOTANY 500	Plant Physiology	3-4

Technology
Complete one of the following:

Code	Title	Credits
PLANTSCI 340	Plant Genome Engineering and Editing	3
PLANTSCI 334 & PLANTSCI 335	Greenhouse Cultivation and Greenhouse Cultivation Lab	3
BSE 305	Introduction to Precision Agriculture	3
BSE 380	Introductory Data Science for the Agricultural and Life Sciences	3

PLANT SCIENCE AND TECHNOLOGY ELECTIVES

Code	Title	Credits
Major Depth		9
Major Breadth		6
Total Credits		**15**

Major Depth
Complete 9 credits. A course completed to meet the Core may not count as a major depth course.

Code	Title	Credits
PLANTSCI 227	Propagation of Horticultural Plants	3
PLANTSCI/ PL PATH 262	Turfgrass Management Laboratory	1
PLANTSCI/ LAND ARC 263	Woody Landscape Plant Identification, Culture, and Use	4
PLANTSCI 300	Cropping Systems	3
PLANTSCI 302	Forage Management and Utilization	3
PLANTSCI 320	Environment of Cultivated Plants	3
PLANTSCI 340	Plant Genome Engineering and Editing	3
PLANTSCI 334	Greenhouse Cultivation	2
PLANTSCI 338	Plant Breeding and Biotechnology	3
PLANTSCI 360	Genetically Modified Crops: Science, Regulation & Controversy	2
PLANTSCI 370	World Vegetable Crops	3
PLANTSCI 376	Tropical Horticultural Systems	2
PLANTSCI 378	Tropical Horticultural Systems International Field Study	2

AGROECOL 377	Global Food Production and Health	3
DY SCI 471	Food Production Systems and Sustainability	3
PLANTSCI 501	Principles of Plant Breeding	3
PLANTSCI 502	Techniques of Plant Breeding	1
PLANTSCI/ ATM OCN 532	Environmental Biophysics	3
PLANTSCI 550	Molecular Approaches for Crop Improvement	3
BSE 305	Introduction to Precision Agriculture	3
BSE 365	Measurements and Instrumentation for Biological Systems	3
BSE 380	Introductory Data Science for the Agricultural and Life Sciences	3
BSE 405	Artificial Intelligence in Agriculture	3
BOTANY 300	Plant Anatomy	4
ENTOM/ ZOOLOGY 302	Introduction to Entomology	4
BOTANY 500	Plant Physiology	3-4
ENTOM 351	Principles of Economic Entomology	3
ENTOM/BOTANY/ ZOOLOGY 473	Plant-Insect Interactions	3
GENETICS 466	Principles of Genetics	3
GENETICS/ BIOCHEM 631	Plant Genetics and Development	3
PL PATH 300	Introduction to Plant Pathology	4
SOIL SCI 332	Turfgrass Nutrient and Water Management	3
PL PATH 315	Plant Microbiomes	4
PL PATH/BOTANY/ ENTOM 505	Plant-Microbe Interactions: Molecular and Ecological Aspects	3
PL PATH 517	Plant Disease Resistance	2-3
PL PATH 559	Diseases of Economic Plants	3

Major Breadth

Complete 6 credits.

Code	Title	Credits
A A E 319	The International Agricultural Economy	3
A A E 320	Agricultural Systems Management	3
A A E 322	Commodity Markets	4
A A E 323	Cooperatives and Alternative Forms of Enterprise Ownership	3
A A E 419	Agricultural Finance	3
A A E 422	Food Systems and Supply Chains	3
BIOCHEM 501	Introduction to Biochemistry	3
BSE 301	Land Information Management	3
BOTANY 305	Plant Morphology and Evolution	4
BOTANY 400	Plant Systematics	4
BOTANY 401	Vascular Flora of Wisconsin	4
BOTANY/ANTHRO/ ZOOLOGY 410	Evolutionary Biology	3
BOTANY 422	Plant Geography	3
BOTANY/AMER IND/ ANTHRO 474	Ethnobotany	3-4
COMP SCI 220	Data Science Programming I	4
F&W ECOL/ ENVIR ST 100	Forests of the World	3
F&W ECOL/ C&E SOC/SOC 248	Environment, Natural Resources, and Society	3
F&W ECOL 300	Forest Measurements	4
F&W ECOL/ ENVIR ST/G L E/ GEOG/GEOSCI/ LAND ARC 371	Introduction to Environmental Remote Sensing	3
GEN BUS 310	Fundamentals of Accounting and Finance for Non-Business Majors	3
GEN BUS 311	Fundamentals of Management and Marketing for Non-Business Majors	3
LSC 270	Marketing Communication for the Sciences	3
GENETICS 545	Genetics Laboratory	2
GEOG/ ENVIR ST 309	People, Land and Food: Comparative Study of Agriculture Systems	3
GEOG/BOTANY 338	Environmental Biogeography	3
GEOG/ ENVIR ST 339	Environmental Conservation	4
PLANTSCI 121	Colloquium in Plant Science and Technology	1
PLANTSCI 234	Herbaceous Ornamental Plant Identification, Culture, and Use	4
PLANTSCI 240	The Science of Cannabis	1
PLANTSCI/ PL PATH 261	Sustainable Turfgrass Use and Management	2
AGROECOL/ HIST SCI 301	(Horti)Cultural Roots: Human Histories of Plants and Science	4
PLANTSCI 230	Wines and Vines of the World	2
PLANTSCI 350	Plants and Human Wellbeing	2
PLANTSCI 351	A Deeper Look at Plants and Human Wellbeing	1
PLANTSCI 372	Seminar in Organic Agriculture	1
PLANTSCI 380	Indigenous Foodways: Food and Seed Sovereignty	2
LAND ARC 260	History of Landscape Architecture	3
PL PATH 311	Global Food Security	3
SOIL SCI 323	Soil Biology	3
SOIL SCI/ ENVIR ST 324	Soils and Environmental Quality	3
SOIL SCI 327	Environmental Monitoring and Soil Characterization	3
SOIL SCI/ ENVIR ST 575	Assessment of Environmental Impact	3
SOIL SCI 585	Using R for Soil and Environmental Sciences	3
SOIL SCI 621	Soil and Environmental Chemistry	3

CAPSTONE

Code	Title	Credits
PLANTSCI 510	Senior Capstone Experience	2
Total Credits		**2**

UNIVERSITY DEGREE REQUIREMENTS

Total Degree	To receive a bachelor's degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.
Residency	Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. “In residence” credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.
Quality of Work	Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

LEARNING OUTCOMES

LEARNING OUTCOMES

1. Define biological processes related to plant growth, development, and productivity and explain their role in plant and agroecosystem sciences
2. Apply scientific and technological concepts and critical thinking skills to analyze global issues in plant and agroecosystem sciences
3. Communicate solutions to complex problems in the field of plant science and technology to diverse audiences composed of peers, scientists, and/or professionals

FOUR-YEAR PLAN

FOUR-YEAR PLAN

This sample four-year plan is a tool to assist students and their advisors. Students should use their DARS report, the degree planner, Guide requirements, and the course search & enroll tools to make their own four-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests.

Note: Math course selection is based on placement scores. Plant Science and Technology majors must complete MATH 112 & MATH 113 or MATH 114 or satisfy the math requirement by placement exam.

SAMPLE FOUR-YEAR PLAN WITH BOTANY/ BIOLOGY 130 IN THE FIRST SEMESTER

First Year

Fall	Credits	Spring	Credits
CALS First-Year Seminar	1	ZOOLOGY/ BIOLOGY 101 & ZOOLOGY/ BIOLOGY 102	5
PLANTSCI 110	4	Ethnic Studies	3
BOTANY/BIOLOGY 130	5	MATH 113	3
MATH 112	3	A A E 101	4
Communication A	3		
	16		**15**

Second Year

Fall	Credits	Spring	Credits
CHEM 103	4	Communications B	3
STAT 371	3	Plant Science and Technology Core - Systems or Environment	3
Plant Science and Technology Core - Systems or Environment	3	CHEM 104	5
General Education	3	PLANTSCI 310	4
Elective	1		
	14		**15**

Third Year

Fall	Credits	Spring	Credits
SOIL SCI 301	3	Plant Science and Technology Core - Genetics or Technology	3
Plant Science and Technology Core - Genetics or Technology	3	CALS International Studies Requirement	3
Major Depth Elective	3	Major Breadth Elective	3
General Education	3	Electives	6
Elective	3		
	15		**15**

Fourth Year

Fall	Credits	Spring	Credits
Major Depth Elective	3	Major Depth Elective	3
Major Breadth Elective	3	Electives	10
Electives	9	PLANTSCI 510	2
	15		**15**

Total Credits 120

SAMPLE FOUR-YEAR PLAN WITH CHEM 103 IN THE FIRST SEMESTER

First Year

Fall	Credits	Spring	Credits
CALS First-Year Seminar	1	CHEM 104	5
CHEM 103	4	Ethnic Studies	3
PLANTSCI 110	4	STAT 371	3
MATH 114	5	Communication A	3

		Elective	1
	14		**15**

Second Year

Fall	Credits	Spring	Credits
BIOLOGY/BOTANY 130	5	Communications B	3
A A E 101	4	ZOOLOGY/ BIOLOGY 101 & ZOOLOGY/ BIOLOGY 102	5
SOIL SCI 301	3	PLANTSCI 310	4
General Education	3	Plant Science and Technology Core - Environment or Systems	3
	15		**15**

Third Year

Fall	Credits	Spring	Credits
Plant Science and Technology Core - Environment or Systems	3	Plant Science and Technology Core - Genetics or Technology	3
Major Depth Elective	3	Major Breadth Elective	3
General Education	3	Electives	6
Elective	3	CALS International Studies Requirement	3
Plant Science and Technology Core - Genetics or Technology	3		
	15		**15**

Fourth Year

Fall	Credits	Spring	Credits
Major Depth Elective	3	PLANTSCI 510	2
Major Breadth Elective	3	Electives	10
Electives	10	Major Depth Elective	3
	16		**15**

Total Credits 120

ADVISING AND CAREERS

ADVISING AND CAREERS

ADVISING

Each student receives one-on-one guidance from their professional advisor. Academic advisors will help students build an individualized, four-year plan. Many Plant Science and Technology majors complete certificates or double majors.

CAREER OPPORTUNITIES

The knowledge and skills developed through the Plant Science and Technology major prepare students for a wide variety of careers. The program is designed to allow students to pursue their interests and career goals. Some of the areas students may work in include: crop production and consulting, precision agriculture, biotechnology, state and federal agencies, and other policy positions. Students may also continue their education in graduate programs in several different plant science programs that incorporate a wide range of interests such as crop science, agronomy, horticulture, and plant biotechnology.

CAREER ADVISING

Students are encouraged to begin the career exploration process early in their UW-Madison journey by working with advisors, faculty, and CALS Career Services (https://cals.wisc.edu/academics/undergraduate/current-students/career-services/). These resources can help students reflect on their values, identify career goals, and outline strategies to achieve them. CALS Career Services advisors can help students one-on-one with their career goals, resume and cover letter help, interview prep, and more.

WISCONSIN EXPERIENCE

WISCONSIN EXPERIENCE

RESEARCH EXPERIENCE

Students are encouraged to get involved with plant science and technology research on campus. Students primarily find research opportunities by directly contacting faculty or searching on the Student Job Center.

INTERNSHIPS

Plant Science and Technology students have many opportunities for hands-on experience through internships. On campus, students can get experience by working at one of the green spaces on campus. Some examples are Allen Centennial Garden, D.C. Smith Greenhouse, the Wisconsin Crop Innovation Center, Walnut Street Greenhouses, and UW Student Organic Farm. Students can also intern off-campus. Some examples are working at an agricultural business, a farm, a non-governmental organization, or one of the Agricultural Research Stations. Students can connect with their advisor or CALS Career Services (https://cals.wisc.edu/academics/undergraduate/current-students/career-services/) to learn more about internships.

STUDENT ORGANIZATIONS

Connect with other Plant Science and Technology students and those interested in plants and technology by joining a student organization. Organizations of particular interest to Plant Science and Technology students include Badger Crops Club, UW Campus Food Shed, and Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS). A list of organizations is available on the Department of Plant and Agroecosystem Sciences website (https://pasdept.wisc.edu/undergraduate/student-orgs/).

GLOBAL ENGAGEMENT

Plant Science and Technology students can study or intern abroad through one of UW-Madison's 260+ programs. Visit our Major Advising Page to learn more about studying abroad as a Plant Science and Technology major.

RESOURCES AND SCHOLARSHIPS

RESOURCES AND SCHOLARSHIPS

Plant Science and Technology students have access to hands-on experiences on and off campus at UW-Madison facilities such as:

- Agricultural Research Stations (https://ars.wisc.edu/) – there are over 10 research stations across the state of Wisconsin that are used by faculty, staff, and students to conduct research
- Allen Centennial Garden (https://allencentennialgarden.wisc.edu/) – a free, public garden that is located right down the street from the Department of Plant and Agroecosystem Sciences. The garden hosts events, classes, festivals, workshops, and more.
- CALS Greenhouses (https://greenhouses.ars.wisc.edu/) – located right on campus, a variety of Wisconsin agricultural crops are studied here.
- D.C. Smith Greenhouse (https://dcsmithgreenhouse.cals.wisc.edu/) – an instructional greenhouse that grows plants for departments and programs of the College of Agricultural and Life Sciences. Many classes are also taught in the greenhouse.
- UW Arboretum (https://arboretum.wisc.edu/) – located off campus on Seminole Hwy, the UW Arboretum's mission is to "Conserve and restore Arboretum lands, advance restoration ecology, and foster the land ethic (https://www.aldoleopold.org/about/the-land-ethic/)."
- Wisconsin Crop Improvement Center (WCIC) (https://cropinnovation.cals.wisc.edu/) – located off campus in Middleton, the WCIC is a 100,000 square foot agricultural biotechnology/greenhouse complex. The building houses a state-of-the-art transgenic plant laboratory which supports unprecedented scientific advancement opportunities to improve plants for humans, livestock, and the environment.

SCHOLARSHIPS

College of Agricultural and Life students receive more than $1.25 million annually in scholarship awards. Plant Science and Technology majors can apply for these scholarships through a single application in the Wisconsin Scholarship Hub (WiSH). To learn more about college scholarships please visit the CALS scholarship website (https://cals.wisc.edu/academics/undergraduate-students/financing-your-education/cals-scholarships/).