



## Picture Yourself

- conducting research and training to help local farmers and producers
- inspiring students to utilize science-based approaches to find practical solutions
- developing disease-resistant crops or new high-value varieties
- designing, installing, or maintaining golf courses, public parks, and hotel grounds
- teaching farmers sustainable methods to increase yields and protect the environment in Hawai'i and throughout the world



## Want More Information?

To learn more about Tropical Plant and Soil Sciences, visit [www.ctabr.hawaii.edu/acad](http://www.ctabr.hawaii.edu/acad)

For other pertinent information regarding being a student at UH-Mānoa, visit the UH website: [www.hawaii.edu](http://www.hawaii.edu).

You may also contact . . .

### For admission:

Office of Admissions and Records  
University of Hawai'i at Mānoa  
2600 Campus Road, QLC 010  
Honolulu, HI 96822 USA  
Phone: 808-956-8975  
Toll Free in USA: 800-823-9771  
Fax: 808-956-4148  
E-mail: [ar-info@hawaii.edu](mailto:ar-info@hawaii.edu)  
Web: [www.hawaii.edu/admrec](http://www.hawaii.edu/admrec)

### For financial aid:

Financial Aid Services  
University of Hawai'i at Mānoa  
2600 Campus Road, QLC 112  
Honolulu, HI 96822 USA  
Phone: 808-956-7251  
Fax: 808-956-3985  
E-mail: [finaid@hawaii.edu](mailto:finaid@hawaii.edu)  
Web: [www.island.hawaii.edu/finaid](http://www.island.hawaii.edu/finaid)

### For employment opportunities:

Career Development and Student Employment Office  
University of Hawai'i at Mānoa  
2600 Campus Road, QLC 212  
Honolulu, HI 96822 USA  
Phone: 808-956-7007  
Fax: 808-956-4082  
E-mail: [cdse@hawaii.edu](mailto:cdse@hawaii.edu)  
Web: <http://cdse.hawaii.edu>

### For housing (on and off campus):

Student Housing Services  
2555 Dole Street, Frear Hall  
Honolulu, HI 96822 USA  
Phone: 808-956-8177  
Fax: 808-956-5995  
E-mail: [uhmsh@hawaii.edu](mailto:uhmsh@hawaii.edu)  
Web: [www.housing.hawaii.edu](http://www.housing.hawaii.edu)

**Accept the CTAHR Challenge!**  
Be Where the Action Is in Science and Technology!  
**Join Us!**

Science and Technology in Action!

Office of Academic and Student Affairs  
Dr. Charles Kinoshita,  
Associate Dean



MAJOR

## Tropical Plant and Soil Sciences



Picture yourself...





## Tropical Plant and Soil Sciences Is for You!

**Tropical Plant and Soil Sciences (TPSS)** offers a Bachelor of Science degree in four focus areas:



- **Plant Sciences and Genetics**—gain expertise in plant physiology, biochemistry, genetics, and biotechnology
- **Production and Management**—find out how to manage soils, insects, and diseases and acquire business skills such as management, personnel administration, marketing, and accounting
- **Environmental Soil Sciences**—gain expertise in managing the land and soil and protecting this valuable natural resource
- **Landscape Horticulture**—discover how to design, integrate, and manage the many systems that comprise public parks, residential and commercial landscapes, and sports venues

### Why Choose UH CTAHR and TPSS?

CTAHR is internationally known for expertise in all facets of tropical agriculture. We have 10 research stations on all major Hawaiian islands, over 150 faculty, and students from around the world. Our alumni have gone on to top jobs in industry, research, education, extension, and government.

Immerse yourself in classes in plant breeding and biochemical genetics, agronomy, ecosystems management, soil science, vegetable and fruit physiology, nursery management, landscape design, horticulture, food science, and bioenergy.

Get practical experience in the field, conduct research in the laboratory, and meet with farmers to understand their challenges.



### Open Doors to New Careers and Opportunities

Through the **Plant Science and Genetics** option, work as a research scientist, environmental scientist, teacher, consultant, research technician. The **Production and Management** option prepares you for careers as a botanical garden horticulturist, consultant, extension agent, golf course superintendent, flower and foliage producer, garden center operator, florist. The **Environmental Soil Science** option prepares you for work as a land reclamation specialist, consultant, natural resources scientist, environmental scientist, soil scientist, extension agent, technician. The **Landscape Horticulture** option prepares you to design, install, and maintain landscapes, manage golf courses and sports turf grass, and manage public horticulture operations as diverse as hotel grounds, public parks, and botanical gardens.



### For Fun and Friends...

Join the **Tropical Plant and Soil Sciences Undergraduate Society**. You will make new friends with similar interests while hiking, visiting gardens, meeting with individuals in the various horticulture industries, raising plants, and other entertaining and educational adventures.

### Are You Prepared?

To be ready for the **Tropical Plant and Soil Sciences** program, we recommend that you take the following courses in high school: biology, chemistry, algebra, trigonometry, and physics. If agriculture classes are available to you, they are useful for the Production and Management option. You should also work on developing your written communication, oral communication, and leadership skills.



Students transferring or planning to transfer from another institution, please contact one of the offices listed below for a list of required program courses, or visit our website.

## We're Here to Help

- *Contact the Department of Tropical Plant and Soil Sciences*  
Department of Tropical Plant and Soil Sciences  
College of Tropical Agriculture and Human Resources  
University of Hawai'i at Mānoa  
3190 Maile Way, St. John 102  
Honolulu, HI 96822 USA  
Phone: 808-956-8351  
Fax: 808-956-3894  
E-mail: [tpss@ctahr.hawaii.edu](mailto:tpss@ctahr.hawaii.edu)  
Web: [www.ctahr.hawaii.edu/tpss](http://www.ctahr.hawaii.edu/tpss)

or

- Office of Academic and Student Affairs  
College of Tropical Agriculture and Human Resources  
University of Hawai'i at Mānoa  
3050 Maile Way, Gilmore 210  
Honolulu, HI 96822 USA  
Phone: 808-956-8183, 808-956-6997  
E-Mail: [acadaff@ctahr.hawaii.edu](mailto:acadaff@ctahr.hawaii.edu)  
Web: [www.ctahr.hawaii.edu/acad](http://www.ctahr.hawaii.edu/acad)