Members of the Department of Plant Pathology and Microbiology direct the Master of Science and Doctor of Philosophy degrees in plant pathology, plant-microbiology, plant-microbial genetics and physiology. Students interact with dynamic faculty members to perform cutting edge research on all aspects of plant health and plant disease, including on the molecular basis of pathogenicity and the microbial and plant factors that affect virulence. Students perform their research on and off campus as required.

A competent command of the English language is required. For complete information on the options available, prospective students should contact the Department of Plant Pathology and Microbiology.

The Department offers a Master of Science and Doctorate in Plant Pathology and Microbiology.

**Plant Pathology**

Plant pathology is the science of plant diseases, their nature, causal agents and interrelated phenomena. The major objectives concern the scientific training of professional phytopathologists. Emphasis is placed on the fundamental and practical concepts associated with plant health and disease and pathology and the conceptual schemes of fungal, bacterial, viral, nematological, mycoplasmal and physiogenic diseases. In addition, facilities are available for research in most phases including physiology of parasitism, host-parasite relationships, genetics of host resistance, genetics of pathogen variation and variability, genetics of host-pathogen-hyperparasite populations, ecology of soil-borne pathogens, etiology and epidemiology of plant diseases, nematology, virology, phytotherapeutics and clinical phytopathology.

**Faculty**

- Antony Babu, Sanjay, Assistant Professor
  Plant Pathology & Microbiology
  PHD, Newcastle University, 2018
- Chappell, Thomas M, Assistant Professor
  Plant Pathology & Microbiology
  PHD, Duke University, 2010
- Dai, Yuan, Associate Professor
  Plant Pathology & Microbiology
  PHD, Duke University, 2006
- Ebbole, Daniel J, Professor
  Plant Pathology & Microbiology
  PHD, Purdue University, 1988
- Gonzalez, Carlos F, Professor
  Plant Pathology & Microbiology
  PHD, University of Nebraska at Lincoln, 1978
- Ireland-Stoddard, Kati L, Instructional Associate Professor
  Plant Pathology & Microbiology
  PHD, University of North Texas, 2012
- Kenerley, Charles M, Professor
  Plant Pathology & Microbiology
  PHD, North Carolina State University, 1983
- Kolomiets, Mikhailo V, Professor
  Plant Pathology & Microbiology
  PHD, Iowa State University, 1998
- Magill, Clint W, Professor
  Plant Pathology & Microbiology
  PHD, Cornell University, 1969
- Pierson III, Leland S, Professor
  Plant Pathology & Microbiology
  PHD, Washington State University, 1986
- Scholthof, Herman B, Professor
  Plant Pathology & Microbiology
  PHD, University of Kentucky, 1990
- Scholthof, Karenbeth G, Professor
  Plant Pathology & Microbiology
  PHD, University of Kentucky, 1989
- Shan, Libo, Professor
  Plant Pathology & Microbiology
  PHD, Kansas State University, 2003
- Shaw, Brian D, Professor
  Plant Pathology & Microbiology
  PHD, Cornell University, 2000
- Shim, Won-Bo, Professor
  Plant Pathology & Microbiology
  PHD, Purdue University, 2000
- Wilkinson, Heather H, Professor
  Plant Pathology & Microbiology
  PHD, Binghamton University, 1996
- Yuan, Shuhua, Professor
  Plant Pathology & Microbiology
  PHD, University of Tennessee, 2007

**Masters**

- Master of Science in Plant Pathology (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/plant-pathology-microbiology/ms/)

**Doctoral**

- Doctor of Philosophy in Plant Pathology (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/plant-pathology-microbiology/phd/)