SOIL SCIENCE

Graduate Program Head	Carrie Laboski
Program Code	SOILS
Campus(es)	University Park (Ph.D., M.S.)
Degrees Conferred	Doctor of Philosophy (Ph.D.) Master of Science (M.S.) Dual-Title Ph.D. in Soil Science and Biogeochemistry Dual-Title Ph.D. and M.S. in Soil Science and International Agriculture and Development Dual-Title Ph.D. and M.S. in Soil Science and Transdisciplinary Research on Environment and Society
The Graduate Faculty	View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=SOILS)

The Soil Science program is administered in the Department of Ecosystem Science and Management, College of Agricultural Sciences. Each student will be associated with an adviser who may provide financial support, research facilities, and/or office space. Applicants are encouraged to explore, study, and research opportunities by contacting faculty who may be prospective advisers.

This program provides opportunities for candidates interested in soil and related water resources to become a professional leader and an independent scholar. Faculty in this program are competent to prepare candidates in the subfields of Soil Science including:

- soil genesis,
- soil classification,
- soil morphology,
- soil mapping,
- soil physics,
- soil chemistry,
- soil health,
- soil mineralogy,
- soil microbiology,
- soil fertility,
- soil conservation,
- geographic information systems,
- computer mapping,
- watershed analysis,
- soil hydrology,
- soil and water management,
- resource inventory and assessment,
- remote sensing,
- land evaluation,
- land waste disposal, and
- land management.