OPERATIONS RESEARCH

Graduate Program Head	Jose A. Ventura
Campus(es)	University Park
Degrees Conferred	Dual-Title
The Graduate Faculty	View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=OR)

Students electing this option through participating programs earn a degree with a dual-title at both the Ph.D. and the M.S., M.A., or M.Eng. levels, i.e., Ph.D. in (graduate program name) and Operations Research, or M.S., M.A., or M.Eng. in (graduate program name) and Operations Research.

The following graduate programs offer dual-title degrees in Operations Research:

- Agricultural and Biological Engineering
- Biorenewable Systems
- Business Administration
- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Economics
- Electrical Engineering
- Energy, Environmental, and Food Economics
- Energy and Mineral Engineering
- Entomology
- Forest Resources
- Geography
- Geosciences
- Industrial Engineering
- Mathematics
- Statistics
- Workforce Education and Development

The Operations Research dual-title degree program is administered by an Operations Research committee, which is responsible for management of the program. The committee maintains program definition, identifies faculty and courses appropriate to the option, and recommends policy and procedures for its operation to the dean of the Graduate School. This dual-title degree program is offered by graduate major programs in eight colleges. The dual-title program enables students from diverse graduate programs to attain and be identified with the tools, techniques, and methodology of operations research, while maintaining a close association with areas of application. Operations research is the analysis--usually involving mathematical treatment--of a process, problem, or operation to determine its purpose and effectiveness and to gain maximum efficiency.