

Operations and Business Analytics (PhD)

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The Lundquist College of Business Doctoral Program in Operations Management prepares students seeking academic and research careers.

Operations Management concerns how organizations should optimize business processes (e.g., production, distribution) and policies (e.g., staffing, pricing) both internally and within the broader supply chain.

Researchers in the operations management area address these complex decisions using rigorous research methods that require a solid foundation in model building, theory development, and data analysis. These foundational skills reflect the strength of the Lundquist College's Department of Operations and Business Analytics, whose faculty work closely with students within the operations management doctoral program.

In addition to its faculty, the Department of Operations and Business Analytics spans the areas of information systems and statistics, allowing doctoral students to benefit from coursework and research opportunities in two areas complementary to the operations management area. Due to the quantitative orientation of this PhD option, students entering the program should have interests that lie at the intersection of applied mathematics and business research.

Please visit the Operations and Business Analytics PhD Program Coordinator website (<https://business.uoregon.edu/programs/phd/concentrations/operations-management/>) page for requirement information.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Acquire advanced knowledge relevant to their areas of specialization.
- Develop advanced research skills for their areas of specialization.
- Be able to assume teaching responsibilities at high-quality colleges and universities.
- Successfully graduate and place at high-quality, research-focused colleges and universities.