

## Position Description

The IT, Analytics, and Operations (ITAO) Department, at the University of Notre Dame's Mendoza College of Business, in collaboration with the [\*Just Transformations to Sustainability Initiative \(JTS Initiative\)\*](#), announces a tenured position at the associate of full level. The candidates must have a PhD in Operations Management, Information Systems, Statistics, or a related field. This is a program-building position intended to create new or bolster existing areas of excellence at Notre Dame at the intersection of business, sustainability, and technology.

The ideal candidate has a strong record of interesting and impactful scholarship or great potential for such scholarship. This entails significant publication success at premier outlets, and/or a strong pipeline of innovative and rigorous research relevant to sustainability in business applications in IT, Analytics and/or Operations. Preference will be given to individuals whose research complements the interests of our existing faculty. Candidates pushing the envelope in exciting boundary spanning areas at the intersection of sustainability, business, and analytical modeling, operations research, computational social science, machine learning, network science, human-centered artificial intelligence, or experimentation methods are encouraged to apply.

The ITAO Department is home to a host of approaches and backgrounds making for a vibrant research environment, which results in frequent, compelling, and unique collaborative research projects among our faculty. The department also houses the Humanitarian Operations Lab (HOPE), Human-centered Analytics Lab (HAL), Gaming Analytics Lab (GAMA), and the OPS Lab (Operations and Platforms for Sustainability).

The JTS Initiative is a university-wide effort to drive interdisciplinary research and teaching that supports inclusive, ethical, and system-wide transformations toward sustainability. The Initiative is committed to seeking transformative change in a manner consistent with the best available science and the foundational elements of Integral Ecology and Integral Human Development.

Our ideal candidate will have demonstrated success in the classroom with an interest in teaching in areas related to sustainability in business applications in OM, IT/IS, and/or Analytics, broadly defined. In addition to our PhD program in Analytics, the ITAO Department offers an undergraduate major in Business Analytics, a Business Technology and Analytics undergraduate minor, and a Master of Science in Business Analytics (MSBA) program with a choice of three tracks: in Sports, Marketing, and Advanced Analytics. The Mendoza College of Business is home to a highly-regarded Masters of Business Administration (MBA) program, for which we offer a major in Business Analytics and a minor in Supply Chain & Operations Management.

The ITAO Department is an integral part of the University of Notre Dame's interdisciplinary efforts to make an impact on scholarship and society through analytical modeling, operations

research, data analytics, artificial intelligence, and computationally-intensive research. There are also interdisciplinary collaborative opportunities, such as the possibility of affiliate faculty status in other departments, (e.g. CS or Statistics), or the Lucy Family Institute for Data and Society. ITAO researchers enjoy generous allocations of resources from Notre Dame's Center for Research Computing and the support of a staff of three full-time Mendoza College of Business data scientists and a director of behavioral research who oversees the Mendoza Behavioral Lab.

Duties include research, teaching, and service, though service expectations are reduced for new assistant professors. The teaching load is 9 credit hours per year. Salary and research budget are highly competitive, with generous summer support based on research productivity.

**Job Titles**

Successful candidates would, depending on qualifications and impact, be hired into a tenured Associate or Full Professor role.

**Qualifications**

Candidates at the associate or full professor level must have a Ph.D. in Operations Management, Information Systems, Statistics, Computer Science, Computational Social Sciences, or a related field.

**Application Instructions**

Applicants should submit a CV, cover letter describing the applicant's interest in the position, and one document with three references along with their contact information. The search committee intends to review applications on a rolling basis starting on October 13, 2025.

Applications will be accepted until positions are filled. The link to interfolio is: [apply.interfolio.com/175901](https://apply.interfolio.com/175901)