

# Department of Information Technology, Analytics and Operations

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## Overview

The ITAO Department serves as a hub for innovation and impact at the intersection of information technology, business analytics, and operations and supply chain management. Guided by NC State University's motto, "Think and Do," we combine rigorous analytical thinking with hands-on, real-world application. We equip students and professionals with the tools to harness and analyze data, optimize processes, and design technology-driven solutions to complex business challenges. Through cutting-edge research, experiential learning, and strong industry engagement, we prepare future leaders to drive smarter decisions, operational excellence, and resilient, sustainable supply chains in a rapidly evolving global economy.

## Contact

Department of Information Technology, Analytics and Operations  
 Poole College of Management  
 1300 Nelson Hall  
 Raleigh, NC 27695  
 Phone: 919.515.5565  
 Website (<https://poole.ncsu.edu/faculty-and-research/it-analytics-operations-department/>)

Sebastian Heese  
 Department Head  
 Owens Distinguished Professor of Supply Chain Management

## Faculty

### Department Head

Sebastian Heese, *Department Head and Owens Distinguished Professor*

### Directors

Brian Brosnan, *Director of the Supply Chain Resource Cooperative*

Rob Handfield, *Executive Director of Supply Chain Resource Cooperative and Bank of America University Distinguished Professor*

Kristin Siebenaler, *Director of the Business Analytics and AI Initiative*

### Program Manager

Tyler Ellis, *Program Manager, Business Analytics and AI Initiative & Supply Chain Resource Cooperative*

## Professors

Rob Handfield, *Executive Director of Supply Chain Resource Cooperative and Bank of America University Distinguished Professor*

Sebastian Heese, *Owens Distinguished Professor*

Maria Mayorga, *Goodnight Distinguished Chair in Operations Research and Director of Operation Research (joint appointment)*

Bill Rand, *McLauchlan Distinguished Professor (joint appointment)*

## Associate Professors

Julie Earp

Eda Kemahlioglu-Ziya

Tim Kraft

Onkar Malgonde

Shawn Mankad

Jeffrey Stonebraker

Don Warsing, *MBA Faculty Director*

## Professor of Practice

Brian Brosnan, *Director, Supply Chain Resource Cooperative*

Sherry Fowler

Wayne Thompson

## Teaching Professor

Sarah Khan

## Teaching Assistant Professors

Donnie Hale

Rakesh Ravi

Basiru Usman

## Senior Lecturers

Bradley Ashbaugh

Neal Parker

## Adjunct Lecturers

Haroon Abbu

Morgan Cheek

Steven DelGrosso

Grant Glass

Weston McManus

## Plans

- Business Administration (BS) (<https://catalog.ncsu.edu/undergraduate/management/itao/business-administration-bs/>)
- Business Administration (BS): Business Analytics Concentration (<https://catalog.ncsu.edu/undergraduate/management/itao/business-administration-bs-business-analytics-concentration/>)
- Business Administration (BS): Information Technology Concentration (<https://catalog.ncsu.edu/undergraduate/management/itao/business-administration-bs-information-technology-concentration/>)
- Business Administration (BS): Operations/Supply Chain Management (<https://catalog.ncsu.edu/undergraduate/management/itao/business-administration-bs-operations-supply-chain-management/>)
- Business Administration (BS): Undeclared (<https://catalog.ncsu.edu/undergraduate/management/itao/business-administration-bs-undeclared/>)
- Business Administration (Minor) (<https://catalog.ncsu.edu/undergraduate/management/itao/business-administration-minor/>)
- Essentials of Business (Certificate) (<https://catalog.ncsu.edu/undergraduate/management/itao/essentials-business-certificate/>)

## Business Analytics Honors Program

The Business Analytics Honors Program (<https://oucc.dasa.ncsu.edu/undergraduate-honors-program-in-business-analytics/>) offers eligible Poole College undergraduate students additional preparation for careers in the high-demand field of business analytics. The Business Analytics Honors Program combines challenging analytics coursework with a practicum course that engages students with local employers working on real world business analytics projects. Admission to this program is competitive and based on prior academic achievement.