

# INSY 463. DEEP LEARNING FOR BUSINESS ANALYTICS.

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Credits: 3

Offered by: Management (Desautels Faculty Management)

This course is not offered this catalogue year.

## Description

Theory of Neural Networks and its applications for business analytics, including how to build and train Neural Networks to derive insights from unstructured text and image data in business contexts. Introduction to the ecosystem of software packages needed in Python, including: NumPy, Pandas, Sklearn. The theory and implementation of Neural Networks and Deep Learning. How to apply various deep learning models to real-world problems and demonstration of their power in the new data-abundant business world.

- Corequisite: INSY 446
- Prerequisite: INSY 336

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