A Transdisciplinarity Approach to an Undergraduate Degree in Data Science
by James McGuffee, Qi Li, and Joe Rubleske, Northern Kentucky University
link to position paper: www.nku.edu/~mcguffeej1/DSatNKU.pdf
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FUEL THE FLAME
The 2013-18 Strategic Plan for Northern Kentucky University
Department of Business Informatics
- BIS (Information Systems)
- Library Informatics

Department of Communication
- Communications Studies
- Electronic Media and Broadcasting
- Journalism
- Media Informatics
- Public Relations

Department of Computer Science
- Computer Information Technology
- Computer Science
- **Data Science**
Data Science Courses
from other Departments

18 hours - Business Informatics
18 hours - Computer Science
18 hours - Mathematics and Statistics
  3 hours - Economics
  9 hours - Guided Electives

66 hours - Total from other Departments
Data Science Core Courses

- DSC 101 - Introduction to Data Science
- DSC 311 - Data Analytics
- DSC 321 - Data Visualization
- DSC 411 - Data Mining
- DSC 421 - Big Data
- DSC 496 - Data Science Capstone
Faculty

Joe Rubleske - Dept. of Business Informatics

Mark Lancaster - Dept. of Statistics

Qi Li - Dept. of Computer Science
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