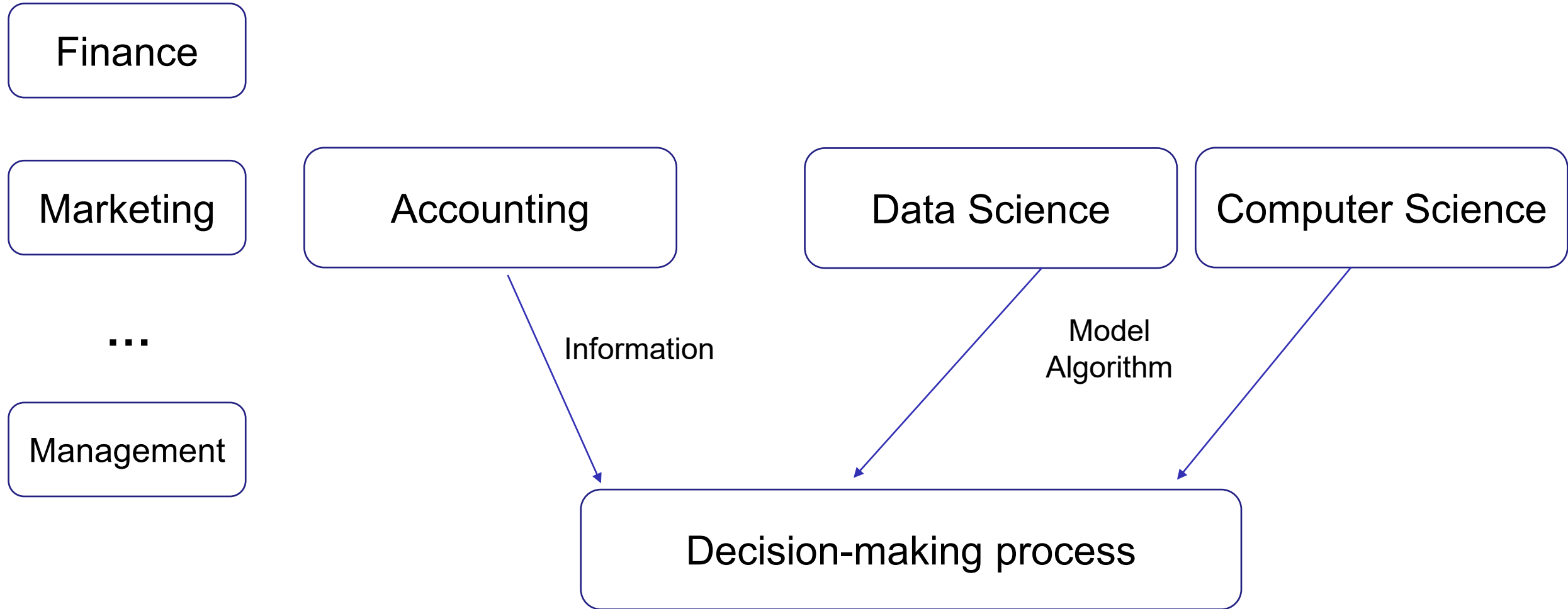
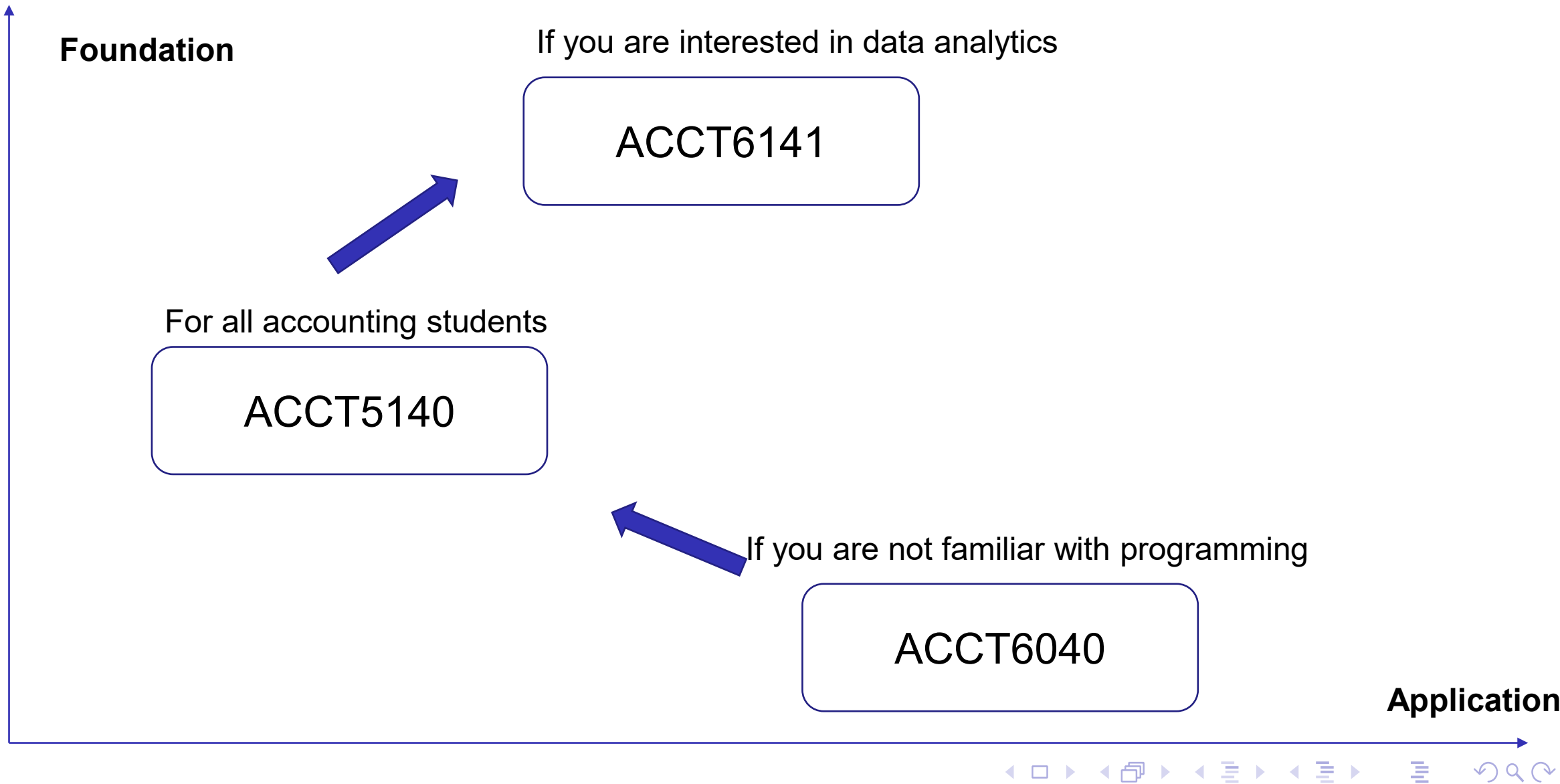


ACCT 6141 Accounting Data Analytics and Business Intelligence
Course Introduction

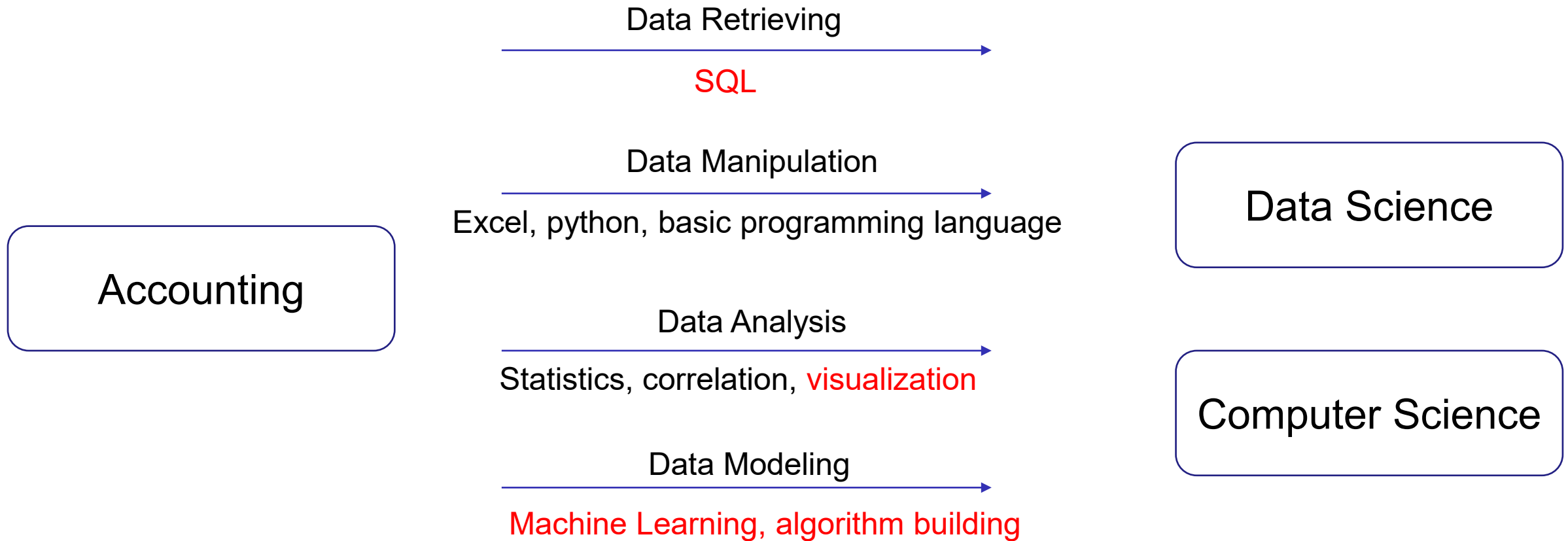
An interdisciplinary course?



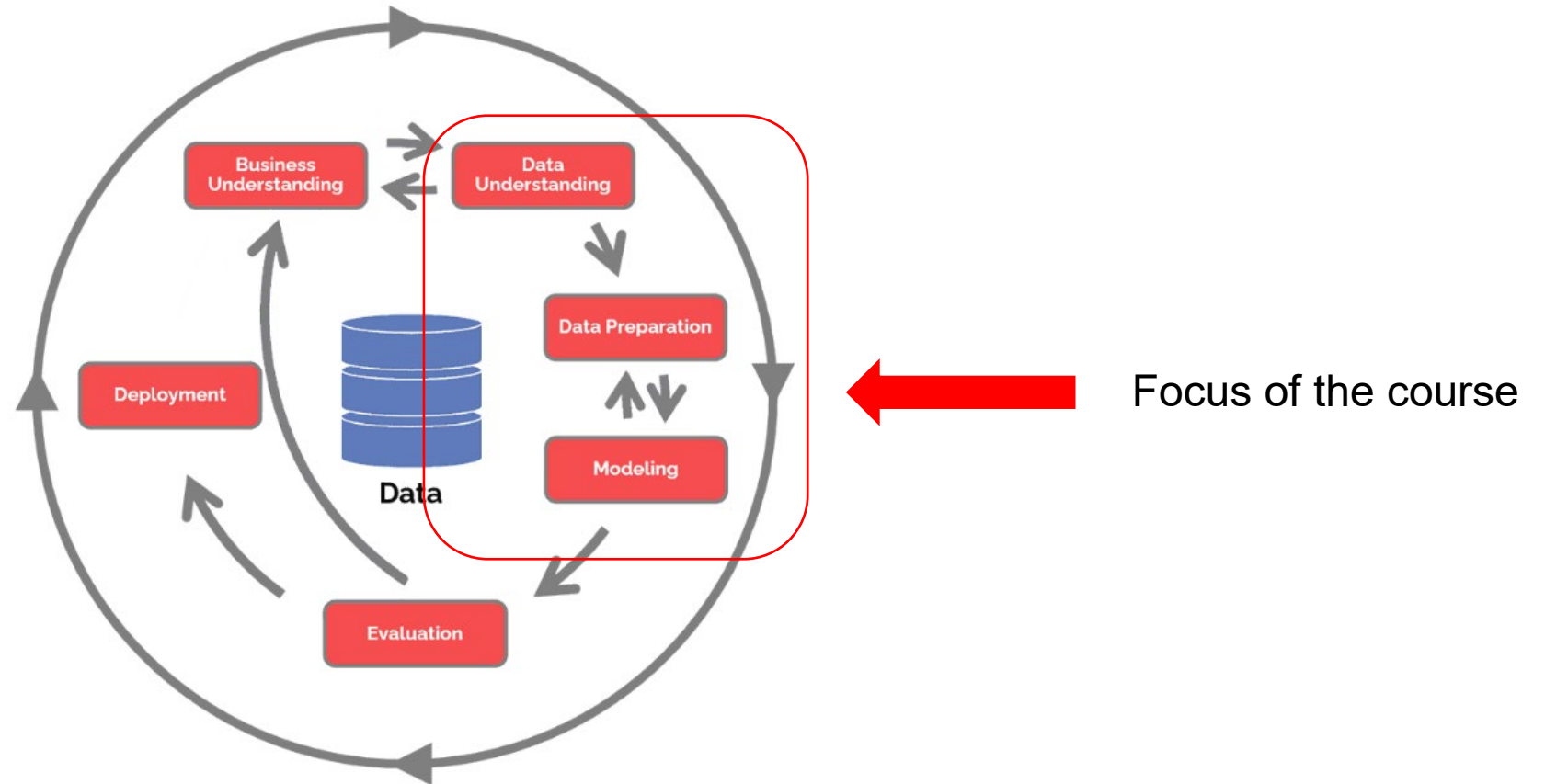
How ACCT6141 is positioned?



What you will learn



A data analytics framework



The Cross Industry Standard Process for Data Mining (CRISP-DM)

ACCT 6141 Principles and Advanced Topics in Machine Learning

Course Topics

Session	Topic	Location
1	Introduction to Data Analytics / Basic usage of Python and Colab	CYT 615
2	Review – Linear Algebra Data Retrieval (MySQL) Data Manipulation and Preprocessing (Pandas)	CYT 615
3	Review – Calculus Linear Regression	CYT 615
4	Review - Statistics and Probabilities MLE and Logistic Regression	CYT 615
5	Supervised Learning – Kernels and SVM	CYT 615
6	Supervised Learning – Decision Tree Ensembling	CYT 615
7	Performance Evaluation and Fine-tuning Method	CYT 615
8	Neural Networks and Deep Learning – Concepts and Tools	CYT 615
9	Emerging Technologies and Large Language Models	CYT 615
10	Unsupervised Learning	CYT 615

Q&A