



IMT Atlantique
Bretagne-Pays de la Loire
École Mines-Télécom



Responsibles

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Keyword

Domain Expertise
Statistics
Mathematics
Machine Learning
Computer Science
Data Processing

TAF structured in skills blocks

BC-01 Manage
data science &
machine learning
projects

BC02 - Collaborate
effectively within
data science teams
& with diverse
stakeholders

BC03 - Analyze
data-driven
challenges: data
quality issues,
algorithmic
limitations & ethical
implications

BC04 - Design
machine learning &
data analytics
solutions satisfying
stakeholder needs

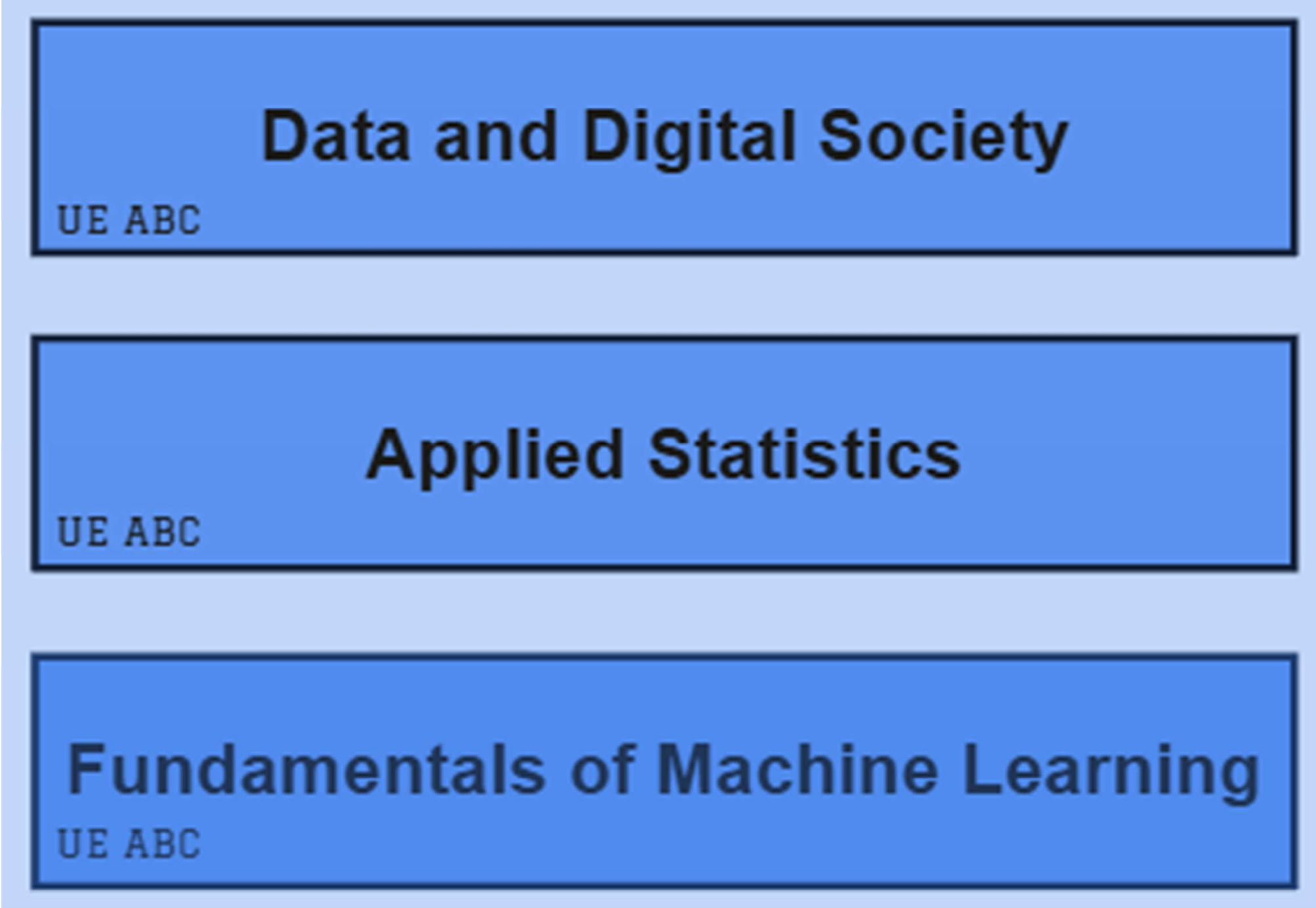
BC07 - Develop, deploy & maintain
data pipelines,
machine learning
models & big data
infrastructures

Data Science

Bridging data and decision-makers

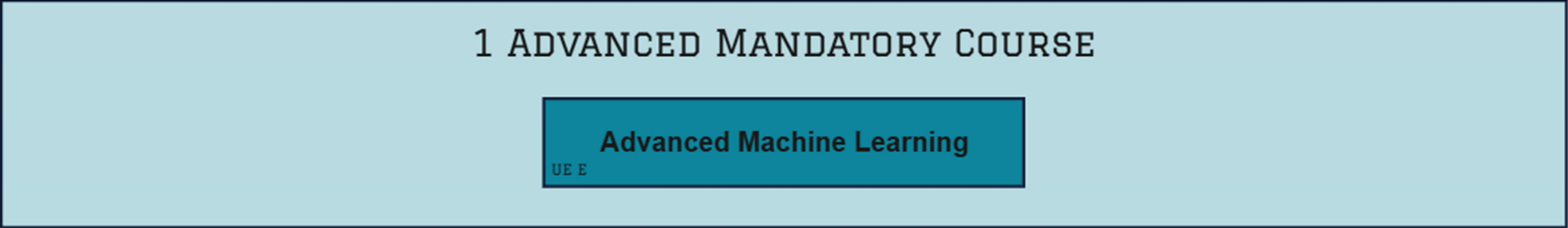
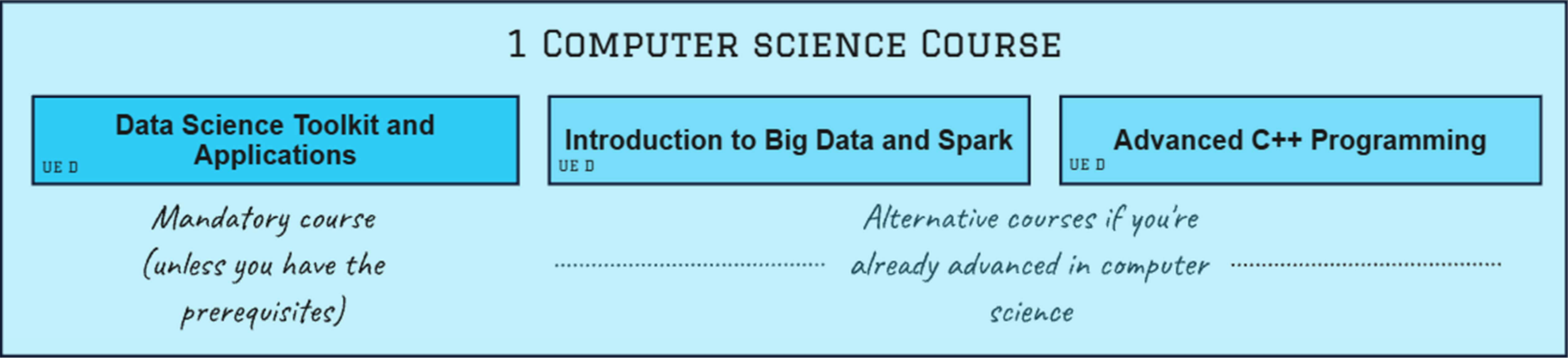
“Learning to unlock the value of data resources”

AUTUMN SEMESTER



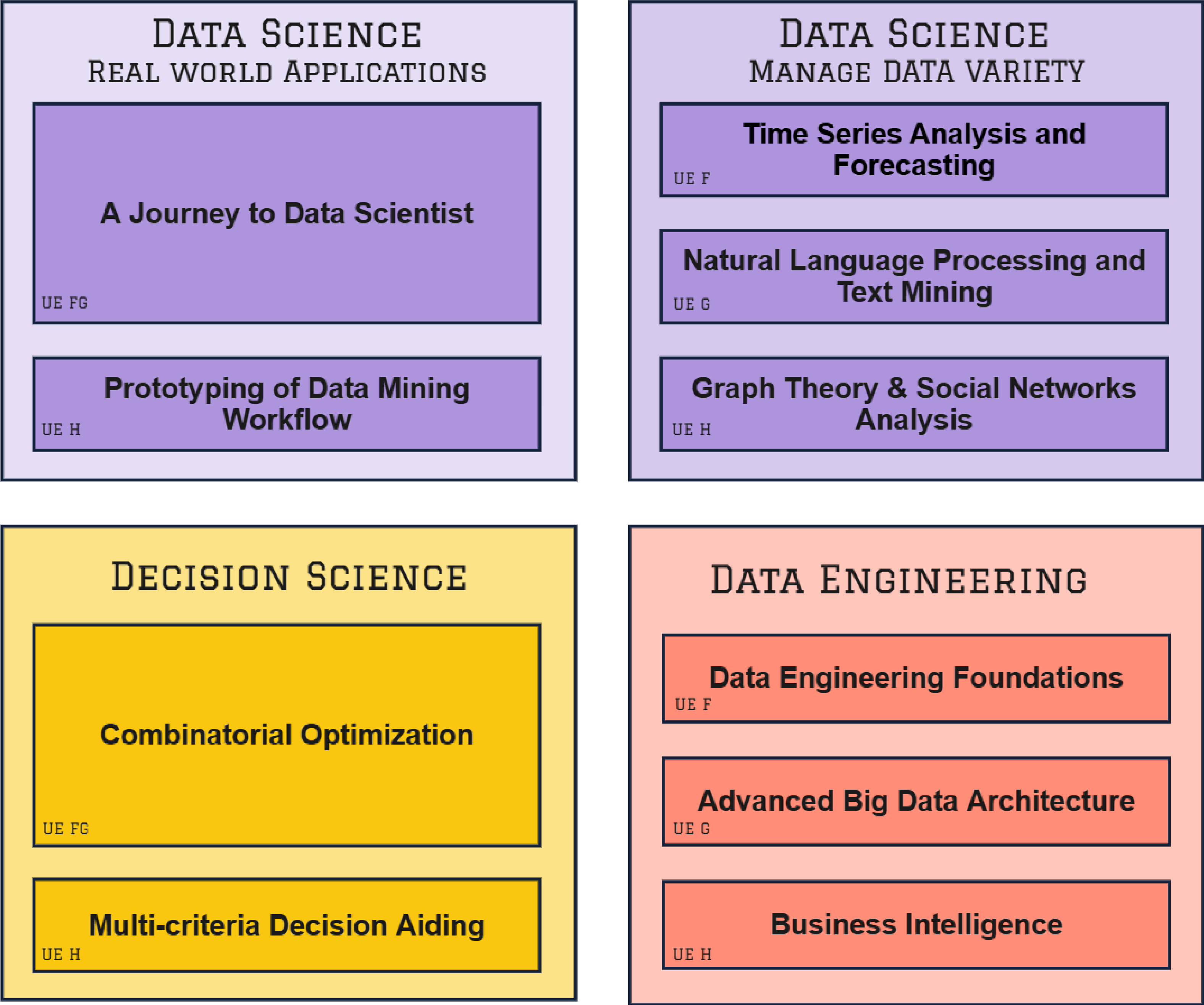
A core ABCE curriculum for fundamental skills

- Translate **business problems** into **mathematical, statistical** or **machine learning** challenges
- **Build predictive models**, develop relevant metrics & code pipeline & platforms for **decision support**
- Understand the **economic, legal** and **ethical implications** of AI solutions



SPRING SEMESTER

Build freely your path choosing one of the following tracks



Open to students outside TAF, prerequisites:
- **Advanced Machine Learning**

Open to students outside TAF, prerequisite:
- **Machine Learning**
- **Computer science**

Open to all students



data scientist
data engineer
business & data analyst
decision engineer ...



RENAULT

