



**DD Digital Business Engineering (DBE)** 

Academic year 2024-2025

## On the Master DBE....



Program Directors
Digital Business Engineering

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## Welcome



- Ma DBE:
- 80 students over 2 master years
- About 15 int'l students, incl.
  - 3 outgoing DD students
  - 6 incoming DD students



## The Ma DBE Curriculum (120 ECTS)

Digital Business Fundamentals (21 ECTS)	Electives -12 ECTS)	(9	30 ECTS
Digital Engineering Fundamentals (21 ECTS)	Electives 9 ECTS)	(6-	30 ECTS
Major			18 ECTS
Electives			12 ECTS
Master thesis portfolio			30 ECTS

For more detail: please see: https://www.uantwerpen.be/en/study/programmes/all-programmes/digital-business-engineering/about-the-



### On the Master DBE...











- Officially known as:
  - Business Engineering in Management Information Systems
- Double Degree in DBE is 1<sup>st</sup> multi-disciplinary Double Degree FBE
- Resulting in a multi-disciplinary group of students, mainly in sem 3



# DD Curriculum - UA courses per semester

- Data Mining AKA Machine Learning for Business David Martens
- (Master Thesis) Engineering and Design Science Methodologies Herwig Mannaert

#### Sem 2

- Digital Risk and Security Dirk Steuperaert
- Software Engineering and Architecture OR MI-NSS@CTU -Herwig Mannaert
- (Master Thesis) Empirical Research in MIS Steven De Haes

#### Sem 3 (Physically in Antwerp)

- Strategic Management Peter Verhezen
- Digital Strategy And Governance Steven De Haes
- Digital Innovation Herwig Mannaert / Jan Verelst
- Data Science and Ethics (David Martens) OR Ethical and Sustainable Business (Hans Verboven)
- Digital Business Fundamentals Electives (9 ECTS) UA DBE has 30 ECTS, CTU DBE has 21ECTS => 9 ECTS
- Integration Project DBE Jan Verelst/Dieter Van Nuffel

#### Sem 4

- UA Master Thesis
- No Final State Exam at UA!



## Prof. David Martens

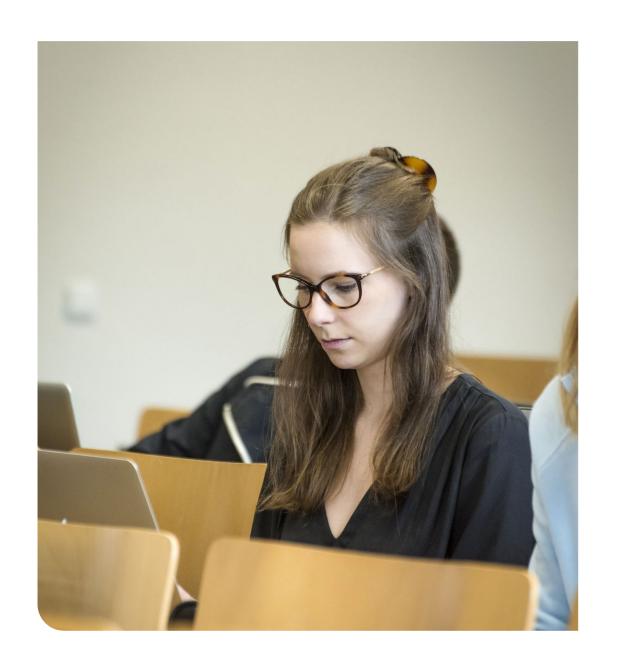


## Prof. Dirk Steuperaert



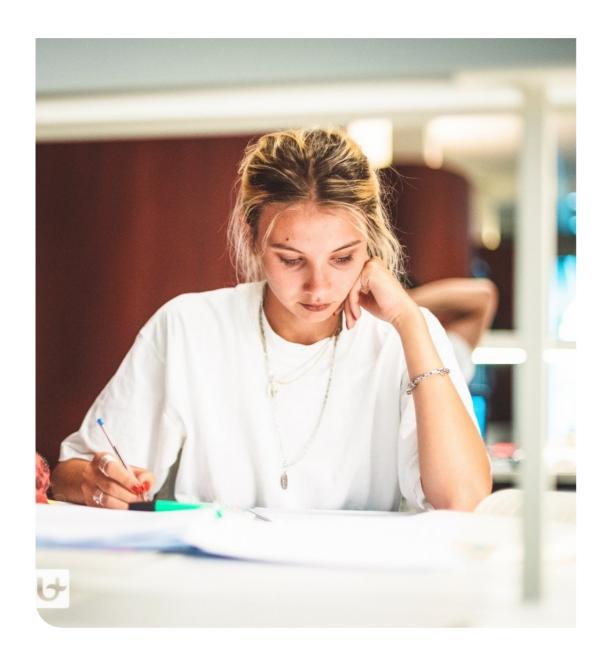
## Fien Nyssen





## Classes

- Classes are organized on campus.
- Please check your study schedule and the rooms on SISA
- Lectures, guest lectures, practical exercises, etc.
- Combining work and study is **not** trivial!



# **Exams and grading**

- 3 exam sessions:
  - January
  - June
  - August September (resit exam)
- Written exams, oral exams and computer exams
- Assignments and permanent evaluation
- All exams take place on campus, no online exams (stay in Antwerp from begin to end of each exam session)

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### **Master Thesis**

- Individual or duo thesis
- Proof of research competences
- Suitable for both UA and CTU, with promotors and defenses at both institutions
- Apply research methodology studied in the 2 methodology courses
  - Engineering and Design Science Methodologies
  - Empirical Research in MIS
- Can contain practical work, including case studies, ...
- List of topics proposed by promotors will be available in sem 2, but proposing your own title/domain is encouraged
  - Start exploring topics now, especially in the context of the 2 methodology courses!



## Integration Project (sem 3@UA)









### **Academic calendar**



- Be physically present during entire semester + exams (start Christmas travelling only after end of semester - December 20 - and be back in time for exams)
- More information on holidays, etc. in academic calendar: https://www.uantwerpen.be/en/life-in-antwerp/academic-calendar/



# DD Curriculum - UA courses per semester Let's get started!

- Sem 1
  - Data Mining AKA Machine Learning for Business David Martens
  - (Master Thesis) Engineering and Design Science Methodologies Herwig Mannaert





