

**POST-MASTER THU 4 - FRI 5 JUNE**  
PART OF TAX & TECHNOLOGY ACCENT

hands-on programming lessons  
technical expert QnA sessions  
ERP under the hood  
artificial intelligence deepdive  
*all from a tax angle*

# TAXTECH

## STEP INTO YOUR FUTURE

**SIGN-UP** AT [TAXANDTECHNOLOGY.COM](https://taxandtechnology.com)

## Understanding the potential of emerging technologies for tax

The rise of legal technology is rapidly changing the way we approach tax law. This course seeks to explore the current technological trends as well as the tax-related transformations they may bring.

With this course, we hope to prepare the future generation of tax lawyers for the legal technology era by bridging the gap between tax and technology.

Tax & Technology post-master is an intensive 2-day programme consisting of 5 modules including hands-on programming lessons, technical expert Q&A sessions, ERP breakdowns and artificial intelligence deep-dives. All from a tax perspective.

### Speakers:

- Prof. dr. A.H. (Albert) Bomer  
(Vrije Universiteit Amsterdam/Tilburg University/Dutch Tax Authorities)
- L.A. (Laura) Plummer MSc  
(Vrije Universiteit Amsterdam/Tilburg University/PwC)
- A. (Arnold) Roza RA (PwC)
- R.W. (Roderick) Lucas MSc  
(Vrije Universiteit Amsterdam/Tilburg University/Deloitte)
- M.H. (Marc) Derksen LLM  
(Vrije Universiteit Amsterdam/Tilburg University/Deloitte)



LOOKING FURTHER

### Required education

The post-master is open to students who have:

- followed the Tax & Technology course at Amsterdam and/or Tilburg University, or
- a minimum of 3 years of experience in a tax practice at a company, consulting firm, or Tax Authorities

### PE points

This Post-Master is worth 15 PE points, both for the NOB and the NBA.

### Investment and location

The program is offered at the Vrije Universiteit Amsterdam, Main Building

### Pricing

The price for the program is € 2,500 (no VAT), incl. literature and dinner. The proceeds from the program benefits education and research in the field of tax technology.

Programming

Data & ERP systems

Data Collection

Real time reporting

Data engineering

Data analytics

Artificial Intelligence



# Program Tax & Technology Post-Master



## LOOKING FURTHER

### Thursday June 4<sup>th</sup>, 2020

09:00 – 09:30 *Big Data Process –  
Albert Bomer*

In this introduction the different phases of the big data process are described. Such as the collection, analysis and use of data. These phases will be further elaborated in the rest of the program.

09:30 – 12:00 *Introduction to programming -  
Marc Derksen & Roderick Lucas*

Within a tight timeframe we will teach everyone the foundations of programming. During this hands-on session, we will provide you with the skills and knowledge needed to start your way into working with data (hands-on session).

12:00 – 13:00 *Lunch*

13:00 – 15:00 *Data and ERP Systems -  
Laura Plummer & Arnold Roza*

Overview of the inner-workings of current ERP systems and their tax treatments. This section also includes the use of ERP systems for transfer pricing purposes.

15:00 – 15:30 *Break*

15:30 – 16:30 *Collecting Data -  
Albert Bomer*

This part of the program focuses on data collection. Various international regulations are discussed (such as the SAF-T, Country-by-Country reports, Mandatory disclosure rules, exchange of information, real-time reporting). Also the legal protection will be discussed in more detail.

16:30 – 17:30 *Real time reporting and ERP Systems  
Laura Plummer & Arnold Roza*

The consequences of real-time reporting for ERP systems are being paid a special attention to. There will be a strong technology focus on how different settings will influence the outcome of the financial reports.

17:30 – 19:30 *Dinner*

### Friday June 5<sup>th</sup>, 2020

09:00 – 09:30 *Economics of Prediction Machines –  
Albert Bomer*

Introduction of the economic framework for understanding artificial intelligence from a tax perspective.

09:30 – 11:30 *Data Engineering -  
Marc Derksen & Roderick Lucas*

Hands-on session where you learn the basics of data transformation, cleaning and enrichment. The participants will start working on a case which will be used during the rest of the day.

11:30 – 12:30 *Lunch*

12:30 – 14:30 *Data Analytics -  
Marc Derksen & Roderick Lucas*

A hands on session where we will continue working on the case. The data from the morning session will be analyzed by means of a dashboard which the participants will create on their own. By the means of implementing business rules, we will start of by making some predictions.

14:30 - 15:00 *Break*

15:00 – 17:00 *Artificial Intelligence -  
Marc Derksen & Roderick Lucas*

Having really understood the dataset, the participant will now have a short introduction on how AI is different from previous technologies and what you can do with it. Then they will apply state-of-the art algorithms on their earlier created datasets to really experience the power and potential shortcomings of AI.

For more information please visit [taxandtechnology.com](http://taxandtechnology.com) or contact A.H. Bomer ([A.H.Bomer@vu.nl](mailto:A.H.Bomer@vu.nl))

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