Tax Law Technology Course

Advanced Topics - Build Your Own Use Case

November 13-17, 2023 • Vienna

WU WIRTSCHAFTS UNIVERSITÄT WIEN VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS

TAX
Institute for Austrian and International Tax Law Vienna
WU Tax Law Technology Center

Overview

The use of digital tools and applications is becoming increasingly pervasive in business and government environment. Moreover, the impact is fundamental from the perspective of a rapid emergence of new technologies. New technologies might significantly change the way of how people approach different processes including in the tax and customs field. Data analytics, automated processes and algorithms are the so-called enablers for the transformation of organization from analog into digital.

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Tax Law Technology is a response to the disruption that technology is having across all business sectors. The transformation of tax law is based on digitalization of law and automation of tax related processes. To succeed in exercise of tax function transformation, requirements for people, processes and data/technologies must be understood, as well as requirements for new skills and qualifications development for managers and employees to remain competitive in the digitalized economy.

The **WU Tax Law Technology Center** at the Institute for Austrian and International Tax Law, WU (Vienna University for Economics and Business) was established in 2022 by a group of tax law professors and researchers as a study platform to respond to new challenges which digital economy brings in the field of tax and customs. Some of them have predominately gained practical experience from business environment.

The **Institute for Austrian and International Tax Law** is one of the largest institutions of its kind worldwide. As well as being active in research and teaching activities at WU, the Institute with approx. 90 staff members and many visiting professors and guest researchers are involved in national and international projects. Being the hub for the international tax community, the Institute offers a unique academic platform for significant, innovative and inspiring tax-related research and training.

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General Information

The course lasts five full-days and is held from November 13-17, 2023 on the campus of WU. The course is entirely held in English in order to engage participants with a background from different jurisdictions.

The course is structured into four sessions per day of 1.5 hours each. Each topic is analyzed with a mix of theory and workshops (with case studies).

In order to guarantee a high degree of interactivity, the course is strictly limited to a maximum of 25 participants. Demand for the course generally is high and an early registration recommended.

The course is designed in a way to train participants with our academic results and hands-on knowledge of most visible technologies used for enhancing performance of tax and customs function within practical environment. For that reason, the content of the course will be delivered by experts coming from academia supported by business and consultancy field in collaboration with the team of the WU Law Technology Center.

Target Group and Course Level

It is assumed that participants already have understanding and/or experience for tax and customs process gained in academia and/or practice. The program will would be accordingly interesting for in-house or external tax and customs professionals (accountants, economists, lawyers and managers), financial specialists, and government officials working within tax authorities or ministries of finance.

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Content and Structure

Module 5 - RPA, NLP, SAP for Tax Compliance

Speakers: **Kristiina Coenen, Nicolas Viveros (Deloitte Austria, Germany), Prof. Robert Risse (WU)**

Description: The first steps towards automation in a tax function should include so-called quick wins in order to make tax digitization successful. Robot Process Automation (RPA) applications is a good technic to start with for automation of a simple routine task within the organization. Further, more complicated and technologies might step-in. Natural Language Processing (NLP), which is the core technic laying within Google Translate or recently hyped Chat-GPT can support many process steps when necessary data is available. Finally, SAP as a core CRM platform used by many multinationals also significantly applied in tax and customs automation. These applications, and their interaction will get enormous potential to automate tax and customs function within the organization. Within this module, the following topics will be covered:

RPA:
- An RPA as the first step in the digitization of processes
- Criteria for the use of RPA, of so-called bots for certain process steps
- Chatbots and other applications
- Further development of the functionalities of a bot with the help of machine learning
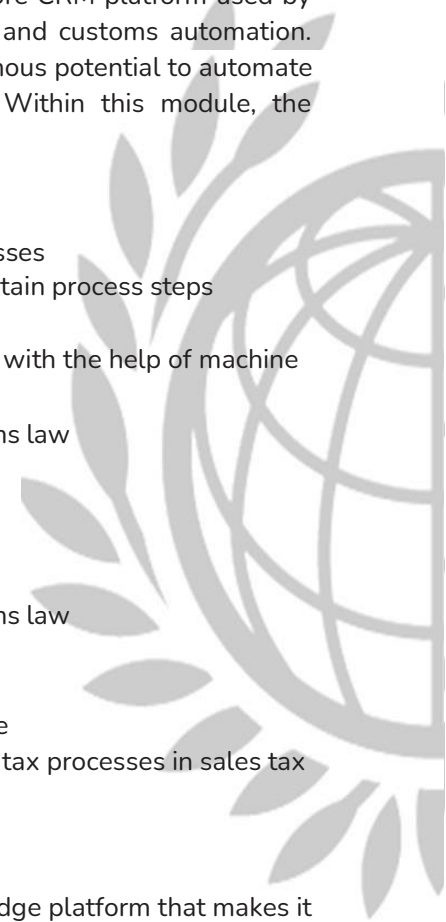- Concrete examples of application in tax and customs law

NLP:
- Transformation of text into computer language
- Use for electronic documentation and analyses
- Concrete examples of application in tax and customs law

SAP Tax Compliance related tools:
- How processes are mapped in SAP Tax Compliance
- Which application tools simplify the automation of tax processes in sales tax and payroll tax, for transfer pricing and customs?

Decision service:
- The DecisionService by Deloitte is a digital knowledge platform that makes it possible to provide predefined decision trees for tax-related questions quickly, efficiently, and widely
- End users are then intuitively navigated through the decision tree by means of an interactive question-answer system.

NOVEMBER 16-17, 2023

Module 6 - Design Thinking Workshop: Combination and Selection of Technologies for Practical Application

Speakers:	**Lina Krawietz, Anna Balmes und Deniz Calhan (This is Legal Design),** **Prof. Robert Risse (WU)**
Description:	"Selecting your own use cases" is the first step toward the digital transformation of tax tasks. The design-thinking format provides a structured approach for developing your own initial use cases. The participants will systematically develop use cases together, which they can later apply in their daily practice. Within this module, the following topics will be covered:

- Introduction to the world of use cases for the different tax types
- Summary of the technologies to be used
- Introduction and capabilities of CANVAS model
- Workshop on design-thinking for the purpose of developing use cases based on the practical idea, requirements, and necessities of the participants

Registration

Please register on our website:

PARTICIPATION FEE

The course fee is EUR 2,750. A 10% "**early bird discount**" is applicable to applications sent by September 4, 2023. This fee covers course participation, all course materials, lunches, coffee breaks, refreshments, and a welcome dinner. The fee does not cover costs of travel and accommodation.

The course materials will be provided as downloads and as handouts (available on the first day of the course).

PAYMENT

You will receive an invoice for the participation fee of EUR 2,750 (or of EUR 2,475 in case of application of the early bird discount.). We kindly ask you to transfer your payment within three weeks of the date of the invoice.

CANCELLATION

Any notification of cancellation of registration must be sent in writing. In case of cancellation before October 30, 2023 the participation fee will be refunded. No refund can be made for cancellations received after this date.

PHOTOS

We would like to inform you that this event will be photographed. Should you not wish to be photographed, we kindly ask you to avoid the camera and/or inform Ms. Katharina Dendl (katharina.dendl@wu.ac.at). Photos will be used to inform the public about the activities of the Institute.

VENUE

WU (Vienna University of Economics and Business)
Welthandelsplatz 1
1020 Vienna, Austria
Building AD, Seminar Room 0.114

CONTACT DETAILS

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Vienna Certificate in Tax Law Technology

This course is part of the Vienna Certificate in Tax Law Technology. The certificate program offers a unique opportunity to combine two excellent courses with a high-class case study as well as a technical paper supervised by the experts of the WU Tax Law Technology Center. Ideally, all four parts should be taken within one year.

The certificate targets professionals around the world who want to build or broaden their knowledge in tax law technology and get access to new research results in that area. Candidates are typically tax advisers (accountants, economists, and lawyers), in-house tax and finance employees of international companies, government officials, and academics.

The candidate will receive the "Vienna Certificate in Tax Law Technology" upon successful completion of the following four modules:

1. **Tax Law Technology Course (General Topics)**

   This **five-day course** consists of an introduction to the "Principles of Tax and Customs Law Technology" followed by lectures and workshops on the transformation of tax functions, introduction to data science for tax and customs, the role of the data in designing of a solution for tax and customs, tax compliance offices, process management for tax and customs, risk management and compliance, among others.

2. **Tax Law Technology Course (Advanced Topics - Build your own use case)**

   This **five-day** course deals with detailed lectures and intensive workshops on selecting and combining basic and intelligent systems: strategies for building effective solutions followed by specific applications using RPA, NLP, SAP for tax compliance. The course will end with a "Design Thinking Workshop: Combination and Selection of Technologies for Practical Tax and Customs Application".

   Lecturers of both courses are internationally renowned digital experts from academia, international organizations, the business community, government officials, and advisory firms.

3. **Case Study**

   A **case study** containing a specific use case application should be solved by the candidate. This case study will be provided and supervised by the experts of the WU Tax Law Technology Center.

4. **Technical Paper**

   A **paper**, in the form of a technical article (approx. 8,000-10,000 words), should be prepared by the candidate in English. The topic of this technical paper will be agreed by the candidate together with the experts of the WU Tax Law Technology Center, who will supervise.

The **fee** to access the certificate program amounts to EUR 8,750. Previously completed courses can be deducted from this amount. The fee might be reduced as a result of an early bird discount related to the courses. For further information, please contact us on taxlawtechnologycenter@wu.ac.at.