

2019.HS

Module Name: Legal Tech			
Module Code	w.BA.XX.2LT.XX		
Module Description	<p>Legal Tech - New Technologies in Legal Practice: The digitization of the working world is progressing at a rapid pace and has also reached the legal profession. Startups, for instance, are working on turning legal regulations in the area of financial market law into code to facilitate compliance with compliance regulations. Others are automating the creation of contracts and other documents. Insurance companies are developing chatbots to provide lawyers with information on the legal situation in certain areas. Others are developing platforms for lawyers on which they can create templates for so-called smart contracts to be stored and executed in the block chain. More and more companies are now employing lawyers with IT skills as so-called legal engineers to develop such solutions in teams comprising both lawyers and software developers. Many tasks are being automated and commercialized as a new ecosystem of law firms, technology entrepreneurs, academics, and other specialists emerges. In order to be able to work in such an environment, the lawyer of tomorrow must be competent in two areas: In addition to in-depth legal expertise, a fundamental understanding of the technologies used and the new business models is required. This module addresses both. Before legal information can be provided by a chatbot, for instance, the law must first be structured and prepared, for example by creating a flowchart followed by translating the law into a format usable for a legal online platform or a customized program. Participants will have the opportunity to work with the relevant tools themselves and explore the existing technical possibilities (e.g., image recognition or evaluating natural language, for example in court decisions). They can delve deeper into the technology used in the legal tech field and at the same time take the first steps in creating their own solutions and applications. In addition, the use of the blockchain and intelligent contracts, technologies that enable transactions without the need for a trustworthy, central authority, will be presented. The module will enable participants to discuss in detail the potential opportunities and challenges associated with disruptive technological change. In addition, experts from renowned companies will provide insights from a practical perspective.</p>		
Program and Specialization	Business Law		
Legal Framework	Academic Regulations BSc dated 29.01.2009, Appendix to the Academic Regulations for the degree programs in Business Administration, Business Information Technology, and Business Law, first adopted on 12.05.2009		
Module Category	<table border="1"> <tr> <td>Module Type: Compulsory Elective</td> <td>Program Phase: Main Study Period</td> </tr> </table>	Module Type: Compulsory Elective	Program Phase: Main Study Period
Module Type: Compulsory Elective	Program Phase: Main Study Period		
ECTS	3		
Organizational Unit	W Abteilung Business Law Leitung		
Module Coordinator	Philip Hanke (xhnk)		
Deputy Module Coordinator	-		
Prerequisite Knowledge	To complete this module, students need no technical or statistical knowledge.		
Contribution to Program Learning Goals (Affected by Module)	<ul style="list-style-type: none"> § Professional Competence § Methodological Competence § Social Competence § Self-Competence 		
Contribution to Program Learning Objectives	<ul style="list-style-type: none"> Professional Competence <ul style="list-style-type: none"> § Knowing and Understanding Content of Theoretical and Practical Relevance § Apply, Analyze, and Synthesize Content of Theoretical and Practical Relevance § Evaluate Content of Theoretical and Practical Relevance Methodological Competence <ul style="list-style-type: none"> § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence <ul style="list-style-type: none"> § Written Communication § Oral Communication § Teamwork & Conflict Management Self-Competence <ul style="list-style-type: none"> § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change 		

Module Learning Objectives	Students... § know the main features of the technical tools currently at the disposal of legal professionals and are able to relate them to each other. § are able to structure legal regulations as decision trees and display them using a programming language. § are able to identify the key quantitative methods of data-driven legal analysis. § are able to identify legal areas in which there is still a potential for new legal tech solutions and to design and evaluate a business case for a new product.			
Module Content	§ From statute to code. An introduction to programming using Python § Machine learning in the cloud; chatbots § Document automation § Blockchain and smart contracts § Legal tech products and new business models			
Links to other modules	-			
Methods of Instruction	§ Lecture § Interactive Instruction § Application Tasks § Case Studies § Exercises § Problem-Oriented Teaching § Project Work § Explorative Learning	Social Settings Used: § Individual Work § Pair Work § Group Work		
Digital Resources	§ Software § Online documentation § Moodle platform for the exchange among participants			
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study	
Large Class	-	-		
Small Class	-	-		
Group Instruction	-	-		
Practical Work	-	-		
Seminar	28 h	28 h		
Total	28 h	28 h		34 h
Performance Assessment				
End-of-module exam	Form	Length (min.)	Weighting	
-	-	-	-	
Permitted Resources	-			
Others				
Others		Assessment	Length (min.)	Weighting
Several small assignments to be submitted throughout the semester		Grade	-	40,00 %
Project work		Grade	-	40,00 %
Attendance requirement		Pass/Fail	-	-
Presentation		Grade	-	20,00 %
Classroom Attendance Requirement	Attendance is mandatory (max. 3 justified absences).			
Language of Instruction/Examination	German			
Compulsory Reading	-			
Recommended Reading	-			
Comments	-			