

TOPIC	sem1			sem2			sem3			sem4					Legenda				
	UBB	SAS Course	SAS Certifications	UBB	SAS	SAS Certifications	UBB	SAS	SAS Certifications	UBB			SAS	UBB		BT	SAS		
Ethics	Ethics and Academic Integrity in Data Science	Data Literacy															Curs obligatoriu		
Programming	Data Toolkit	SAS Programming 1		Programming toolbox	SAS Viya and Python Integration for Machine Learning		Interaction design										Curs optional		
	Computational Thinking	SAS Programming 2: Data Manipulation Techniques	Programming Specialist		Using SAS Viya REST APIs with Python												Certificari SAS		
Data collection	Data Collection and Modeling	SAS Visual Analytics 1 in SAS Viya		Analiza datelor și descoperirea cunoștințelor / Data Mining and Knowledge Discovery	Visual Data Mining and Machine Learning		Social Network Analysis	Visual Text Analytics (NLP)	Natural language and computer vision specialist								Colaborare BT		
				Vizualizarea datelor / Data visualisation	SAS Visual Analytics 2 in SAS Viya 2 (Advanced)	Visual Business Analytics Specialist													
Data analysis	Basics of Statistics	Statistical Business Analyst		Modelare inteligentă / Intelligent modelling	Machine Learning Specialist		Optimization models	Optimization Models for Data Science		Algoritmi inteligenti in Bioinformatica / Intelligent algorithms in Bioinformatics	Procesare si Aplicatii Big Data/ Big Data Processing and Applications	Instrumente inteligente pentru bunastarea sociala / Intelligent tools for social good	Natural Language Processing and Computer Vision Using	Proiect in stiinta datelor / Project in data science	Elaborarea lucrării de disertație / Elaboration of the dissertation thesis	Practică in specialitate / Internship in specialization	Practică in specialitate / Internship in specialization	Practică in specialitate / Internship in specialization	
		e-learning: Introduction to Statistical Concepts			Machine Learning using SAS Viya	Machine Learning Specialist	Statistical computational methods	Predictive Modelling Using Logistic Regression											
		Statistics 1: ANOVA, Regression and Logistic Regression			Neural Network Essentials		Advanced methods in data analysis	Visual Statistics on SAS Viya - Interactive Model Building	Visual Modeling Specialist										
Prediction							Forecasting and predictive modelling	Forecasting and optimization	Forecasting and optimization specialist										
								Statistics 2: Anova and Regression	Statistical Business Analyst										
Resources		Link																	
The curriculum can be found- Educators		SAS Educator Portal																	
Students access		SAS Skills Builder																	