

<i>day</i>	<i>topic</i>	<i>tipology</i>	<i>lessons plans</i>	<i>teacher</i>	<i>hour</i>	<i>CFU</i>	
Mon	Introduction to metrological traceability	LE	Importance and principles of metrological traceability	Panteghini	2	0,25	
		LE	General concepts and definitions of a measurement (VIM)	Cerioti	2	0,25	
		LE	ISO Standards	Cerioti	4	0,50	
Tue	How to implement metrological traceability	LE	Definition of the measurand	Mosca	2	0,25	
		LE	Reference materials and reference methods	Mosca	2	0,25	
		LE	Measurement uncertainty	Infusino	2	0,25	
		LE	Calibration procedures, commutability	Panteghini	2	0,25	
Thu	Examples of implementation of metrological traceability	LE	Glucose, glycated haemoglobin	Mosca	4	0,50	
		LE	Creatine, enzymes	Panteghini	4	0,50	
Thu	Practical exercise	ES	Instrumentation and procedures for the reference method for HbA1c	Paleari	8	0,5	
	Practical exercise	ES	Instrumentation and procedures for the reference method for alanine aminotransferase	Infusino	8	0,5	
Fri	<i>(free day)</i>						
Mon	Protocols for the validation of analytical methods (with CLSI standards)	LE	Imprecision	Mosca	2	0,25	
		LE	Trueness and comparison between methods	Paleari	2	0,25	
		LE	Linearity, detection and quantification limit	Dolci	2	0,25	
		LE	Interference	Dolci	2	0,25	
Tue	Measurement quality assessment	LE	Biological variability	Panteghini	2	0,25	
		LE	Analytical goals	Panteghini	2	0,25	
		LE	Internal Quality Control	Panteghini	2	0,25	
		LE	External quality assessment	Mosca	2	0,25	
Wed	Practical exercise	ES	Instrumentation and procedures for the reference method for HbA1c	Paleari	8	0,5	
Wed	Practical exercise	ES	Instrumentation and procedures for the reference method for alanine aminotransferase	Infusino	8	0,5	
Thu	Practical exercise	ES	CE marking of diagnostics products and reagents	Rota	4	0,25	
Fri	<i>Examination</i>						
					total	60	6,25

*explanation: LE, lecture; ES, exercise*