Note:	**Cross** = Cross-Curricula; **BCE**=Biostatistics and Clinical Epidemiology; **CS**=Cardiovascular Sciences; **CTN**=Clinical and Translational Neurosciences; **EMS**=Endocrine and Metabolic Sciences; **NHS**=Nursing and Health Sciences; **TPS**=Thoracic and Pulmonary Sciences **C:** compulsory; **E:** eligible; **nr:** not required; **A = University**

PhD Teaching activities - Translational Specialistic Medicine "G.B. Morgagni"

Column 1	Column2	Column3	Column4	Column5	Column 6	Column 7	Column 8	Column 9	Column 10	Column11	Column12	Column13	Column14
Year	**Semester**	**Course**	**Teacher(s)**	Cross	**BCE**	**CS**	**CTN**	**EMS**	**NHS**	**TPS**	**CFU**	**Hours/CFU**	**Hours Tot**
		In-depth disciplinary, thematic or curricular courses											
1	2	Sciences Communications	L. Iop, E. Mutto Accordi	C							2	10	20
1	1	Winter School	G. Gregori, Vari	C							2	10	20
1	1	Omics Data Analysis	C. Giraudo	E				C			2	10	20
1	2	Biostatistics	G. Lorenzoni	C				C			2	10	20
1	1	Riproducibilità della ricerca scientifica e open-data/open publishing	L. Iop	E							1	5	5
1	1	Soft Skills	A. Biggeri	C							2	5	10
1	2	The Little Brain in the Heart: Journey through the cardiac nervous circuits	T. Zaglia, G. Thiene	E	nr	C					1	10	10
1	1	Corsi di base per sicurezza laboratorio	online Ateneo con esame	C/A							1	5	5
1	1	Corso della sicurezza per laboratorio ad alto rischio - online	online Ateneo con esame (*obbligatorio per chi lavora in laboratorio)	C*/A	nr						2	8	16
1, 2 e 3	2	Update in Pediatric Cardiology Course	A. Angelini, C. Basso, V. Vida	E	nr	C		E		E	1	12	12
1, 2 e 3	1	Seminario AIAC	C. Basso, A. Zorzi, F. Migliore, G. Thiene	E	nr	C		E		E	1	5	5
1, 2 e 3	1-2	Clinico-Pathologic Conference (CCP)	A. Angelini, C. Basso, M. Perazzolo Marra	E	nr	C		E		E	2	8	16
1	1-2	International Lecture (almeno 5 per 1 CFU)	V. Vida	E	nr	E		E		E	1	5	5
1	2	Nuove terapie endovenose nella modulazione pressoria e piastrinica	G. Tarantini, C. Fraccaro	E	nr	E		E		E	1	10	10
1	2	JIM-GISE Annual Meeting	G. Tarantini, C. Fraccaro	E	nr	E		E		E	1	10	10
1	2	Lets' Scrub Together	G. Tarantini, C. Fraccaro	E	nr	E		E		E	1	10	10
1	1-2	Corso di Bioetica	F. Zampieri	E	E	E	E	E	E	E	2	5	10
2	1	Immunologia del trapianto (transplant immunology)	E. Cozzi	E	nr				C	C	1	6	6
2	1	Citofluorimetria nello studio della comunicazione cellullare nelle patologie polmonari (cytofluorimetry in the study of	E. Bazzan	E	nr					C	2	5	10
2	2	Trapianto polmonare (lung transplantation)	M. Schiavon	E	nr					C	1	6	6
2	2	Advanced biomedical technologies: focus on the bronchial epithelium (tecnologie biomediche avanzate: focus sull'epitelio	S. Baraldo	E	nr					C	1	5	5
2	2	Morphological and molecular analysis in non-neoplastic thoracic diseases: prognostic and predictive biomarkers (Analisi morfologiche e molecolari nelle patologie toraciche non neoplastiche: identificazione di biomarcatori prognostici e predittivi)	F. Calabrese	E	nr					C	1	6	6
1, 2 e 3	1-2	Conferenze Clinico-Patologiche della Patologia Toracica	F. Calabrese, P. Spagnolo G, Turato, M. Saetta, S. Baraldo, E. Bazzan	E	nr	E				C	2	8	16
1, 2 e 3	1-2	I martedì della Clinica Neurologica	E. Pegoraro, C. Briani, L. Bello, G. Sorarù	E	nr		C				2	8	16
1	2	Malattie dei motoneuroni: dalla neurodegenerazione alla clinica	G. Sorarù	E	nr		C				2	5	10
2	2	Malattie neuromuscolari e medicina personalizzata	E. Pegoraro	E	nr		C				2	5	10
3	2	Neuropatie amiloidotiche e paraproteinemiche	C. Briani	E	nr						1	5	5
1	2	Regenerative medicine, state of the art and innovative applications in head and neck	L.Astolfi	E	nr		C				1	5	5
2	1	The use of biomarkers in clinics, state of the art and innovative aspects in diagnostics and prognostics	G. Marioni	E	nr		C				1	5	5
2	2	New perspective and state-of-the-art auditory processing	P. Scimemi	E	nr		C				1	5	5
1	2	Machine Learning: Overview of machine learning techniques, algorithms, and	I. Baldi, C. Lanera	E	C						1	10	10
1	2	Advanced Biostatistical Methods: In-depth exploration of linear and nonlinear regression, generalized linear models, and	D. Gregori	E	C						1	10	10
1	2	Clinical Trial Design: Study design and analysis techniques for clinical trials, including randomization and blinding	G. Lorenzoni	E	C				C		1	10	10
2	1	Longitudinal Data Analysis: Methods for analyzing repeated measurements and time-to-event data in clinical settings	I. Baldi	E	C						1	10	10
2	1	Advanced Epidemiological Methods: Complex study designs, confounding, effect modification, and meta-analysis	C. Canova	E	C						1	10	10
2	1	Causal Inference: Techniques for establishing causal relationships in observational studies and clinical research	D. Catelan, A. Biggeri	E	C						1	10	10
2	2	Bayesian Biostatistics: Introduction to Bayesian methods for modeling uncertainty and incorporating prior information	P. Berchialla	E	C						1	10	10
1, 2 e 3	1-2	Percorsi diagnostici dell'atleta con cardiopatie	D. Corrado	E	nr	E					1	10	10
1, 2 e 3	1-2	Fisiopatologia e complicanze del diabete mellito	G.P. Fadini, G. Sartore	E		E		C			1	10	10
		Language and computer improvement activities											
		Linguistics											
1	1/2	English for non native	Centro Linguistico di Ateneo	C							1	20	20
1	1/2	Italian languages for non native	Centro Linguistico di Ateneo	C							1	20	20
													0
		Computer Science - Statistics											
1	2	Pratical Artificial Intelligence for Medical Data Analyses with R - Basic	G. Lorenzoni, C. Lanera, L. Vedovelli	E	C						1	10	10
2	1	Pratical Artificial Intelligence for Medical Data Analyses with R - Advanced	G. Lorenzoni, C. Lanera, L. Vedovelli	E	C						1	10	10
2	2	Pratical Artificial Intelligence for Medical Data Analyses with R - Specialized	G. Lorenzoni, C. Lanera, L. Vedovelli	E	C						1	10	10
2	1	Transcriptomics, Genomics, Proteomics, and Metabolomics data analysis in R	I. Baldi, L. Vedovelli, D. Sabbatini	E	C						1	10	10
1	2	Epidemiological methods in clinical and etiological research	A. Biggeri, D. Catelan	E	C						1	10	10
2	1	Design and analysis of clinical trials and observational clinical studies	I. Baldi, D. Gregori, G. Lorenzoni	E	C						1	10	10
2	2	Citizen science in biological disciplines	A. Biggeri	E	C				C		1	10	10
		Enhancement of research and intellectual property											0
		Research management, knowledge of research systems and financing programs											
2	1	Ethics applied to clinical research involving human subjects: an introduction to bioethics and how to navigate to an ethic approval considering data protection and regulatory	P. Di Giulio, M. Martinato	C					C		1	10	10
1	2	Research Project Management	C. Castellani, L. Iop	E		E					2	10	20
		Enhancement of research results and intellectual property											
3	2	Università Aperta PhD		A/E							1	8	8
		Other activities											
1, 2 e 3	1-2	Journal club autogestito		C							2	10	20