Date	hours	Room	Topic
Thursday, October 14, 2021	4	Aula 9	Introduction to big data and software
Thursday, October 21, 2021	4	Aula 9	Data, information, models, data types, analytical representation of data, Calibration and regression, Introduction to Statistics, Univariate analysis
Thursday, October 28, 2021	4	Aula 9	Multivariate regression
Thursday, November 04, 2021	4	Aula 9	PCA: practical use; Cluster analysis: practical use
Thursday, November 11, 2021	4	Aula 9	Understanding regression-PLS: practical use, cluster analysis, normalization. PLS-DA: practical use
Thursday, November 18, 2021	4	Aula 9	Factorial designs, Fractional factorial designs, Overview of other types of experimental designs (Plackett–Burman designs, D-optimal designs, Supersaturated designs, Asymmetrical designs)
Thursday, November 25, 2021	4	Aula 9	Response surface methods and designs, Applications of designed experiments from various fields of food science
Thursday, December 02, 2021	4	Aula 9	Students report analysis
Thursday, December 09, 2021	4	Aula 9	PCA in food analysis (Prof Sacchetti)
Thursday, December 16, 2021	4	Aula 9	PLS-DA in food analysis (Prof Sacchetti)
TOT	40		