



UNIVERSITATEA „ALEXANDRU IOAN CUZA” din IAȘI

FACULTATEA de ECONOMIE ȘI ADMINISTRAREA AFACERILOR

TUTORIAL COURSE FORM

2025-2026 ACADEMIC YEAR

Name of the tutorial course (incoming Erasmus/exchange students)	Cluster and Ranking Analysis
Name of the professor	Carmen PINTILESCU
Email of the professor	carmen.pintilescu@uaic.ro
Office of the professor Consultation days/hours	B321 (groundfloor)
Semester(s) in which the tutorial course is available	2 nd Semester
No. of ECTS credits	7
Level of study (bachelor/master/PhD)	Master
Short description/Contents	<i>Description:</i> The course will present the multivariate statistical methods applied in classification analysis. <i>Content:</i> Hierarchical Cluster, K-Means Cluster, Two-Step Cluster. Cases studies in SPSS and R.
Assessment/Evaluation	1. Individual Project using the statistical software SPSS or R (40%) 2. Oral presentation (60%)
Bibliography	1. Escofier, B., Pages, J., Analyses factorielles simples et multiples, 5ème édition, Editure Dunod, Paris, 2016. 2. Everitt, B.S., Dunn, G., Applied Multivariate Data Analysis, Arnold, London, 2001. 3. Field, A., Miles, J., Field, Z., Discovering Statistics Using R, Sage Publications Ltd, 2012 4. Hair, J., Black, W., Babin, B., Anderson, R., Tatham, R., Multivariate Data Analysis, Pearson Education International, 2006. 5. Tabachnick B., Fidell L., Using Multivariate Statistics, Pearson International Edition, 2007.
Observations	



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