

Monday 20 November	Tuesday 21 November	Wednesday 22 November	Thursday 23 November	Friday 24 November
Room: 409	Room: 409	Room: 409	Room: 409	Room: 409
<p>10:00 am (Lecture) Introduction to the module Overall introduction to multidimensional methods for quantitative, qualitative and both qualitative and quantitative variables</p> <p>Instructor: Séverine Deguen</p>	<p>9:00 am – 10:30 am (Conf) 'Perception of the air quality in Lyon metropolitaen area Instructor : S Deguen</p> <p>10:45 am (Conf) 'Synthetic homogeneous 'A statistical procedure to create a neighborhood socioeconomic index for health inequalities analysis.' Instructor: Benoit Lalloué</p>	<p>9:00 am– 10:30 am (Lecture) Introduction to Multiple Factor Analysis - Factorial analysis of multiple correspondences Instructor: S Deguen</p> <p>10:45 am (Conf) 'Data Analysis Technique: a Tool for Cumulative Exposure Assessment' Instructor: B Lalloué</p>	<p>9:00 am – 10:30 am (Lecture) Cluster analysis: general principle, dendogram representation and interpretation, main characteristics of classes Instructor: S Deguen</p> <p>10:45 am (Conf) 'Neighborhoods' using zone design algorithms to explore relationships between asthma and deprivation in Strasbourg, France' Instructor : S Deguen</p>	<p>9:00 am Computer lab R Instructors : S Deguen</p>
12:00 pm Lunch	12:00 pm Lunch	12:00 pm Lunch	12:00 pm Lunch	12:00 pm Lunch
<p>1:00 pm – 4:30pm -(Lecture) Principal Component Analysis PCA with R software – view the tutorial https://www.youtube.com/watch?v=CTSbxU6KLbM Presentation of the project</p> <p>Instructors : S Deguen</p>	<p>1:00 pm – 4:30pm Computer lab – R</p> <p>Instructors : S Deguen</p>	<p>1:00 pm – 4:30pm Computer lab – R</p> <p>Instructors : S Deguen</p>	<p>1:00 pm – 4:30pm Clustering with R software – view the tutorial https://www.youtube.com/watch?v=4XrqWmN9erg Computer lab – R</p> <p>Instructors : S Deguen</p>	<p>1:00 pm – 4:30pm Computer lab – R</p> <p>Instructors : S Deguen</p>

ROOM GS= Large Room Rez-de Chaussée /Ground Floor
 PS: Petite Salle Rez-de – Chaussée/Ground Floor
 Rooms #340 & 341:3rd Floor &for group work
 Rooms # 401 408 409 ; 4th Floor, classrooms

Please note that some small changes could occur