UCL Université catholique de Louvain

LSTAT2370

2015-2016

SAS advanced programming

6.0 credits	7.5 h + 25.0 h	2q

Teacher(s) :	Legrand Catherine ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
Main themes :	-Data bases handling in SAS: writing of SQL requests to other data base systems (Oracle'). Use of the SQL language in SAS. - Development of SAS macros: description of the SAS macro language, creation and use of macros, macro programming and debugging. - SAS advanced and efficient programming: efficient storage and manipulation of big datasets, memory optimisation, efficient programming techniques. - Application of all the tools on advanced case studies.
Aims :	At the end of this training, the student will be trained to the various advanced SAS programming tools like SAS macros, SAS SQL and ETL Studio. He will be able to apply them on complex and multiple data bases. *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Other infos :	This course is only open to students of the masters in statistics having a good passive English knowledge and having succeeded in the " SAS Base programming " certificate (see course STAT2360).
Faculty or entity in charge:	LSBA

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
	STAT9CE	6	-	
Master [120] in Statistics: Biostatistics	BSTA2M	6	-	
Master [120] in Statistics: General	STAT2M	6	LSTAT2360	
	STAT2FC	6	-	