UCL Université catholique de Louvain

LSTAT3140

2015-2016

Special topics in biostatistics

3.0 credits	15.0 h	2q

Teacher(s) :	Legrand Catherine ;
Language :	Anglais
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 :	Topics covered in this course may change from one year to the other depending on research activities and topics of interest in biostatistics but will always be covered both the theoretical and the practical point of view. It may include application of advanced statistical techniques (frailty models, competing risk theory, generalized mixed models, ') to specific application in biostatistics or addressed specific issues such as multiplicity testing or flexible design.
Aims :	The objectives of the course are to provide each year a comprehensive exposition of one or more specific topic(s) of special interest in the field of biostatistics. *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".*
Content :	Use of frailty models in Biostatistics - Frailty models: Methodology - Discussion of various applications in biostatistics (clinical trials, veterinary sciences, agronomy, ')
Faculty or entity in charge:	LSBA

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
	STAT9CE	3	-	
Master [120] in Statistics: Biostatistics	BSTA2M	3	LANGL1853 **and** LSTAT2120 **and** LSTAT2040 **and** LSTAT2330	
	STAT2FC	3	-	