











	<ul style="list-style-type: none"> <li>• Designs for mixture experiments</li> <li>• Blocking.</li> <li>• Designs for the estimation of variance components.</li> </ul>
Inline resources	See the Moodle site: : <a href="https://moodleucl.uclouvain.be/mod/page/view.php?id=537330">https://moodleucl.uclouvain.be/mod/page/view.php?id=537330</a>
Bibliography	<ul style="list-style-type: none"> <li>• Box G. et Draper N. et H. Smith [1987], Empirical Model-Building and Response Surfaces, Wiley, New York</li> <li>• Khuri A. et Cornell J., [1996], Response surfaces : designs and analyses, Marcel Dekker.</li> <li>• Myers R.H., Douglas C. Montgomery [2002], Response Surface Methodology: Process and Product Optimization Using Designed Experiments. Wiley</li> <li>• Et beaucoup d'autres possibles...</li> </ul>
Other infos	Prerequisites Basis courses in statistics. Course in linear models. Evaluation: For all: written test on the course content and practical work. For those who follow the partim B: elaboration of a personal applied (in groups of 1 or 2) with oral discussion of work. Reference : Box G. et Draper N. et H. Smith [1987], Empirical Model-Building and Response Surfaces, Wiley, New York Khuri A. et Cornell J., [1987], Response surfaces : designs and analyses, Marcel Dekker. Myers R.H., Douglas C. Montgomery [1995], Response Surface Methodology: Process and Product Optimization Using Designed Experiments. Wiley
Faculty or entity in charge	LSBA

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Data Science : Statistic	DATS2M	5		
Master [120] in Biomedical Engineering	GBIO2M	5		
Master [120] in Statistics: Biostatistics	BSTA2M	5		
Master [120] in Environmental Bioengineering	BIRE2M	5		
Master [120] in Statistics: General	STAT2M	5		
Approfondissement en statistique et sciences des données	APPSTAT	5		
Minor in Statistics, Actuarial Sciences and Data Sciences	MINSTAT	5		
Certificat d'université : Statistique et science des données (15/30 crédits)	STAT2FC	5		
Master [120] in Agricultural Bioengineering	BIRA2M	5		