

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
MAT331	Probability	5	4	0	0	4	8

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	The aim of this course is to learn the definitions, examples and the properties of discrete and continuous random variables and to be able to use them in probability calculations.
Content	Combinatorial analysis, Axioms of probability, Conditional probability and independence, Random variables, Continuous random variables, Jointly distributed random variables, Properties of expectation, Limit theorems.
References	Initiation aux Probabilités, Sheldon Ross

Theory Topics

Week	Weekly Contents
------	-----------------