

STAT1PM

2013 - 2014

Preparatory year for Master in Statistics: General

At Louvain-la-Neuve - 1 year - Day schedule - In french

Dissertation/Graduation Project : **NO** - Internship : **NO**

Main study domain : **Sciences**

Organized by: **Faculté des sciences (SC)**

Programme code: **stat1pm**

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STAT1PM - Introduction

STAT1PM - Admission

For the specific conditions of this program : refer to the French version

(Decree of March 31st 2004 defining higher education, favoring its integration in the European framework of higher education and refinancing universities)

The admission requirements must be met prior to enrolment in the university.

General conditions

Access to the preparatory year on the basis of a bridging programme:

- Access to the preparatory year for students who have a [non-university "short-type" higher education degree](#)
- Access to the preparatory year for students who have a [non-university "long-type" higher education degree](#)

Upon completion of the Master's admission procedure , students may be required to take extra courses representing a maximum of 60 additional credits. Where the extra workload exceeds 15 credits, this training is considered to be a preparatory year of study.

- **Access to the preparatory year on the basis of [accreditation of prior learning and skills acquired through personal or professional experience](#)** :

Article 53 of the Decree of 30 March 2004 stipulates that: *"Notwithstanding article 51, without prejudice to article 60, and in accordance with a decision by the academic authorities, for the purpose of granting access to Master's studies, the competent Examination Board may accredit prior learning and skills acquired by students through their personal or professional experience. This useful experience must correspond to at least five years of activities, excluding years of higher education study that were not passed. At the end of an assessment procedure organized by the academic authorities, the Examination Board will decide whether a student has sufficient knowledge and skills to successfully pursue Master's studies."*

- **Access to the preparatory year on the basis of accreditation of 180 ECTS credits by the Admissions Board (personalized admission based on application)** for students who have a degree from a Belgian university or qualifications obtained abroad (which do not give access to this particular year on the basis of the abovementioned general conditions).

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail

STAT1PM - Information

Learning outcomes

L'année préparatoire a pour objectif de permettre à l'étudiant d'acquérir des compétences de base en statistique méthodologique et appliquée pour le préparer au Master en statistique, orientation générale, à finalité spécialisée.

Evaluation

Evaluation continue : exercices et travaux personnels.

Examens écrits et oraux.

De plus amples informations peuvent être obtenues dans les cahiers de charge des cours du programme.

Possible trainings at the end of the programme

L'année d'études préparatoires au Master en statistiques, orientation générale n'est pas diplômante mais donne accès au Master en statistiques, orientation générale.

STAT1PM - Contacts

Curriculum Managment

Entite de la structure LSBA

Acronyme	LSBA
Dénomination	Louvain School of Statistics, Biostatistics and Actuarial Sciences
Adresse	Voie du Roman Pays, 20 bte L1.04.01 1348 Louvain-la-Neuve Tél 010/474314 - Fax 010/473032
Site web	https://www.uclouvain.be/lbsa
Secteur	Secteur des sciences et technologies (SST)
Faculté	Faculté des sciences (SC)
Commission de programme	Louvain School of Statistics, Biostatistics and Actuarial Sciences (LSBA)

Academic Supervisor : [Catherine Legrand](#)

Jury

Président : **Christian Hafner**

Secrétaire : **Anouar El Ghouch**

Usefull Contacts

Secrétariat des étudiants : **Sophie Malali**

STAT1PM - Detailed programme

Programme by subject

Ce programme vise à préparer un étudiant diplômé des Hautes Ecoles à entreprendre les études du Master en statistique, orientation générale, à finalité spécialisée. Il comporte un minimum de 35 crédits. Outre les cours de base en méthodologie de la statistique, il propose d'approfondir les connaissances de l'étudiant en mathématique et en informatique utiles au statisticien. Un cours d'anglais complète cette formation. Les activités proposées comprennent des cours théoriques, des séances d'exercices et des travaux pratiques.

o Cours de mathématique (10 credits)

o LINGE1114	Mathematics I: analysis	Pascal Lambrechts	30h+30h	5 Credits	1q
o LINGE1121	Mathematics II: algebra and matrix calculus	Tom Claeys	30h+30h	5 Credits	2q

o Cours d'informatique (4 credits)

o LECGE1215	Information Technology in Economics and Management	Manuel Kolp	30h+20h	4 Credits	1q
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o Cours de Probabilité et Statistique

o LINGE1113	Probability	Johan Segers	30h+15h	4 Credits	2q
o LINGE1214	Further Statistics	Christian Hafner	30h+15h	4 Credits	1q
o LINGE1222	Multivariate Statistical Analysis	Johan Segers	30h+15h	4 Credits	2q

o Cours au choix

L'étudiant choisit un des deux cours suivants

⊗ LINGE1221	Econometrics	Christian Hafner	30h+15h	5 Credits	2q
⊗ LMAT1371	Probability	Jan Johannes, Johan Segers	30h+22.5h	5 Credits	2q

o Cours d'anglais (3 credits)

o LANGL1330	English intermediate level - 1st part	Timothy Byrne, Estelle Dagneaux, Aurélie Deneumoustier, Fanny Desterbecq, Marie Duetz, Dominique François, Céline Gouverneur, Marielle Henriet, Carlo Lefevre, Sandrine Mulkers (coord.), Katherine Opello, Charlotte Peters, Marc Piwnik (coord.), Colleen Starrs	30h	3 Credits	
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