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Introduction

Admission

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

Information

Learning outcomes

The aim of the minor in mathematics is to provide additional training in mathematics to bachelor students whose core program includes a substantial introduction to this domain and who could envisage studying for a master's in mathematical science.

Teaching method

Evaluation

Possible trainings at the end of the programme

Majors-minors which offer direct access to the master(s): Students with baccalaureates in physical science or engineering science, civil engineering elective or architectural civil engineering elective, will be admitted to the master's in mathematical science, possibly with a program adapted to suit their needs. Any student who is considering this possibility is asked to make contact as soon as possible with the conseiller aux études (course adviser) for the department of mathematics.

Contacts

Curriculum Managment

Entite de la structure MATH

Acronyme	MATH
Dénomination	Ecole de mathématique
Adresse	Chemin du Cyclotron, 2 bte L7.01.02 1348 Louvain-la-Neuve Tél 010 47 31 52 - Fax 010 47 25 30
Site web	https://www.uclouvain.be/math
Secteur	Secteur des sciences et technologies (SST)
Faculté	Faculté des sciences (SC)
Commission de programme	Ecole de mathématique (MATH)

Jury

Usefull Contacts

Conseiller aux études : **Pierre Bieliavsky**

Secrétaire de l'Ecole de mathématique : **Roseline Van Dyck**

Detailed programme

PROGRAMME BY SUBJECT

La liste des cours accessibles pour la mineure en mathématique comprend les cours ci-dessous. Ces cours peuvent être répartis entre les deuxième et troisième années de bachelier, en respectant les différents prérequis. Cette liste peut être complétée par d'autres cours en accord avec le conseiller aux études.

○ Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊙ Periodic courses not taught during 2013-2014

⊞ Two years course

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

2 3

○ Tronc commun

Les cours LMAT1231 et LMATH1241 sont obligatoires. L'étudiant choisira au moins un cours parmi LMAT1221 et LMAT1222.

○ LMAT1231	Multilinear algebra and group theory	Marino Gran	30h+30h	6 Credits	2q	x	x
○ LMAT1241	Geometry II	Pierre Bieliavsky	45h+15h	6 Credits	2q	x	x
⊗ LMAT1221	Mathematical analysis 3	Augusto Ponce, Jean Van Schaftingen	45h+45h	9 Credits	1q	x	x
⊗ LMAT1222	Complex analysis	Luc Haine	30h+15h	5 Credits	2q	x	x

○ Cours au choix

L'étudiant complétera son programme par des cours choisis dans la liste ci-dessous, de façon à totaliser un minimum de 30 crédits.

⊗ LMAT1223	Differential equations	Jean Van Schaftingen	30h+15h	5 Credits	2q	x	x
⊗ LMAT1261	Mécanique analytique 2	Christian Hagendorf, Luc Haine	22.5h +30h	5 Credits	1q	x	x
⊗ LMAT1323	Topology	Yves Félix	22.5h +15h	4 Credits	1q	x	x
⊗ LMAT1321	Functional analysis and partial differential equations	Michel Willem	45h+45h	7 Credits	1q	x	x
⊗ LMAT1331	Commutative algebra	Jean-Pierre Tignol	45h	4 Credits	2q	x	x
⊗ LMAT2110	Eléments de géométrie différentielle	Luc Haine	30h+30h	5 Credits	1q	x	x
⊗ LPHY1221	Group theory	Philippe Ruelle	22.5h +15h	5 Credits	2q	x	x

Infos

