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Introduction

Introduction

						Year	
						2	3
⊗ LFSAB1225	Introduction to biomedical engineering	Philippe Lefèvre	45h	5 Credits	2q		x
⊗ LIEPR1024	Fundamentals of neurophysiology and neuropsychology in motor control and motor learning	Julie Duque, Marcus Missal (coord.)	45h	5 Credits	1q		x
⊗ LINGI1101	Discrete mathematics: logical foundations of computing science	Peter Van Roy	30h+30h	5 Credits	1q		x
⊗ LINGI1123	Computability and complexity	Yves Deville	30h+30h	5 Credits	2q		x
⊗ LINMA1315	Mathematical analysis : complements	Michel Willem	30h +22.5h	5 Credits	2q		x
⊗ LINMA1510	Linear Control	Denis Dochain	30h+30h	5 Credits	2q		x
⊗ LINMA1731	Stochastic processes : Estimation and prediction	Pierre-Antoine Absil, Luc Vandendorpe (coord.)	30h+30h	5 Credits	2q		x
⊗ LMAT1222	Complex analysis	Luc Haine	30h+15h	5 Credits	2q		x
⊗ LMAT1371	Probability	Jan Johannes, Johan Segers, Johan Segers (compensates Jan Johannes)	30h +22.5h	5 Credits	2q		x
⊗ LMECA1100	Deformable solid mechanics.	Issam Doghri	30h+30h	5 Credits	2q		x
⊗ LMECA1321	Fluid mechanics and transfer phenomena.	Vincent Legat, Grégoire Winckelmans	30h+30h	5 Credits	2q		x
⊗ LMECA1901	Continuum mechanics.	Philippe Chatelain, Issam Doghri (compensates Emilie Marchandise), Emilie Marchandise	30h+30h	5 Credits	1q		x
⊗ LSINF1121	Algorithmics and data structures	Pierre Dupont, Virginie Van den Schrieck (compensates Pierre Dupont)	30h+30h	5 Credits	1q		x

Information

Liste des bacheliers proposant cette mineure

- > [Bachelor in Engineering](#) [en-prog-2014-fsa1ba]
- > [Bachelor in Mathematics](#) [en-prog-2014-math1ba]

Admission

This polytechnic minor is intended chiefly for students enrolled on the baccalaureate in engineering science (civil engineer and civil engineer architect). The minor in applied mathematics is accessible to students who are enrolled on a baccalaureate in mathematical science, physical science or IT science. All of the minor courses are accessible provided the student undertakes basic training in mathematics, the content of which is equivalent to that of mathematics courses over the three first quadrimesters of the baccalaureate civil engineer. For the course INMA1731, basic training in probability and statistics is also required

Possible trainings at the end of the programme

Majors-minors leading directly to a master's course(s) : For students who have performed well and obtained a bachelor's qualification in engineering science - civil engineering, the polytechnic minors guarantee them, as part of a program which includes one of these minors, unconditional access, without additional training, to the civil engineering master's which corresponds to this minor. For the minor in applied chemistry and physics: the civil engineering master's in chemistry and material science and the civil engineering master's physicist For the minor in construction : the civil engineering master's in construction For the minor in electricity: the civil engineering master's electrician For the minor in IT: the civil engineering master's in IT For the minor in mechanics: the civil engineering master's mechanic For the minor in applied mathematics: the civil engineering master's in applied mathematics For a program which combines the major in electricity/minor in mechanics, or major in mechanics/minor in electricity: the civil engineering master's electromechanic.

Contacts

Curriculum Managment

Entite de la structure MAP

Acronyme	MAP
Dénomination	Commission de programme - Ingénieur civil en mathématiques appliquées
Adresse	Avenue Georges Lemaître, 4-6 bte L4.05.01 1348 Louvain-la-Neuve Tél 010 47 25 97 - Fax 010 47 21 80
Secteur	Secteur des sciences et technologies (SST)
Faculté	Ecole Polytechnique de Louvain (EPL)
Commission de programme	Commission de programme - Ingénieur civil en mathématiques appliquées (MAP)

Academic Supervisor : [Pierre-Antoine ABSIL](#)

Jury

Usefull Contacts

Secrétariat : **Nathalie PONET**

Infos
