



## MINPOLY - Introduction

### Introduction

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LMAPR1491

## MINPOLY - Teaching profile

### Learning outcomes

On successful completion of this programme, each student is able to :

### Programme

#### DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

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

Year

2 3

#### Content

L'étudiant-e sélectionne 30 crédits parmi les cours suivants, conformément aux conditions d'accès.

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#### ⊗ Chimie et physique appliquées

LMAPR1805	Introduction to materials science	Jean-Christophe Charlier (coord.) Pascal Jacques Bernard Nysten Thomas Pardoën	⊗ [q2] [30h+30h] [5 Credits] 🌐	X
LMECA1901	Continuum mechanics.	Philippe Chatelain Issam Doghri	⊗ [q2] [30h+30h] [5 Credits] 🌐	X
LMAPR1230	Organic chemistry	Sophie Demoustier Charles-André Fustin	⊗ [q1] [30h+30h] [5 Credits] 🌐	X
LMAPR1400	Kinetics and thermodynamics	Juray De Wilde Denis Mignon	⊗ [q2] [30h+30h] [5 Credits] 🌐	X
LMAPR1491	Statistical & quantum physics	Jean-Christophe Charlier Xavier Gonze Luc Piraux Gian-Marco Rignanese	⊗ [q1] [30h+30h] [5 Credits] 🌐	

				Year	
				2	3
⌘ LGCIV1032	Reinforced concrete structures	Jean-François Cap	PO [q2] [30h+30h] [5 Credits]		x
⌘ LGCIV1051	Hydraulic	Sandra Soares Frazao	PO [q2] [30h+30h] [5 Credits]		x
⌘ LGCIV1072	Soil mechanics	Hadrien Rattiez	PO [q1] [30h+30h] [5 Credits]		x

### ⌘ Electricité

⌘ LELEC1101	Project in Electricity 1 : Electrical circuits	Christophe Craeye Bruno Dehez Claude Oestges (coord.)	PO [q2] [30h+30h] [5 Credits]	x	
⌘ LELEC1310	ELECTROMECHANICAL CONVERTERS	Bruno Dehez	PO [q2] [30h+30h] [5 Credits]		x
⌘ LELEC1360	TELECOMMUNICATIONS	Luc Vandendorpe	PO [q2] [30h+30h] [5 Credits]		x
⌘ LELEC1370	Measurements and electrical circuits	Christophe Craeye Bruno Dehez Claude Oestges (coord.)	PO [q2] [30h+30h] [5 Credits]	x	
⌘ LELEC1530	Basic analog and digital electronic circuits	Denis Flandre Jean-Didier Legat	PO [q1] [30h+30h] [5 Credits]		x
⌘ LELEC1755	Physics of electronic devices and transmission lines	Denis Flandre (coord.) Claude Oestges	PO [q1] [30h+30h] [5 Credits]		x

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## MINPOLY - Information

### Evaluation

*The evaluation methods comply with the regulations concerning studies and exams (<https://uclouvain.be/fr/decouvrir/rgee.html>). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".*

### Contacts

#### Curriculum Management

##### Faculty

Structure entity	SST/EPL
Denomination	Louvain School of Engineering ( <a href="#">EPL</a> )
Sector	Sciences and Technology ( <a href="#">SST</a> )
Acronym	EPL
Postal address	Rue Archimède 1 - bte L6.11.01 1348 Louvain-la-Neuve Tel: <a href="tel:+322472460">+32 (0) 10 47 24 60</a> - Fax: <a href="tel:+322472466">+32 (0) 10 47 24 66</a> <a href="http://www.uclouvain.be/epl">http://www.uclouvain.be/epl</a>
Website	<a href="http://www.uclouvain.be/epl">http://www.uclouvain.be/epl</a>

##### Mandate(s)

- Dean : Alain Jonas
- Administrative director : Julie Claus

##### Commission(s) of programme

- Commission de programme - Tronc commun bachelier ingénieur civil ([BTCI](#))
- Commission de programme en science des données, cryptographie et sécurité ([DACS](#))
- Commission de programme - Ingénieur civil électricien ([ELEC](#))
- Commission de programme - Ingénieur civil électromécanicien ([ELME](#))
- Commission de programme - Ingénieur civil en chimie et sciences des matériaux et ingénieur civil physicien ([FYKI](#))
- Commission de programme - Ingénieur civil biomédical ([GBIO](#))
- Commission de programme - Ingénieur civil des constructions ([GC](#))
- Commission de programme - Sciences informatiques et ingénieur civil en informatique ([INFO](#))
- Commission de programme - Ingénieur civil en mathématiques appliquées ([MAP](#))
- Commission de programme - Ingénieur civil mécanicien ([MECA](#))
- Commission de programme du bachelier en sciences informatiques à Charleroi ([SINC](#))

Academic supervisor: [Laurent Jacques](https://uclouvain.be/repertoires/laurent.jacques) (<https://uclouvain.be/repertoires/laurent.jacques>)

