

 UCLouvain	<i>UCL Study programme 2024 - 2025</i>	Minor in Mechanics
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## LMINOMECA - Introduction

### Introduction

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#### Introduction

The aim of this track is to enable the students to increase and broaden their knowledge and skills in different areas of Mechanical Engineering. More specifically, this programme offers the students the opportunity to build a solid background knowledge of continuum mechanics (fluid and solid mechanics) and thermodynamics, both from the theoretical and the applied standpoints. Further, it offers applied but rigorous training in machine design, analysis of machine components and manufacturing. Finally, this programme allows the students to develop a strong expertise in mathematical modelling and methods for numerical simulation.

## LMINOMECA - Teaching profile

### Learning outcomes

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### Programme

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#### ***DETAILED PROGRAMME BY SUBJECT***

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- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 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, ...)

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

30 crédits

Year

2 3

## LMINOMECA - Information

### Bachelors offering this minor

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- > [Bachelor in Physics \[Réforme 2024-25\]](#) [ en-prog-2024-phys1ba ]
- > [Bachelor in Mathematics](#) [ en-prog-2024-math1ba ]

### Evaluation

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***The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".***

