

Refresher Course in Mathematics for Prospective Students at the Lucerne University of Applied Sciences and Arts

During the first semester mathematics course, the lecturers observe that the main problems students encounter are not linked to the actual content, but to topics treated earlier. Several students do not master this mathematical content anymore.

There is unfortunately not enough time to revise all these topics during the first semester of your studies. That is why the Lucerne University of Applied Sciences and Arts offers a refresher course in mathematics before the beginning of the regular semester. This will allow for a smoother start into the mathematics courses.

What are the topics?

- algebra: fractions, transposition of formulae
- equations and simultaneous equations
- inequalities
- graphs of linear equations
- economic applications: supply and demand analysis
- quadratic functions
- economic applications: revenue, cost and profit
- indices and logarithms
- functions (linear, quadratic, exponential, logarithm)
- special topics according to your area of studies:
 - compound interest (Business)
 - trigonometry and matrices (Engineering and Architecture: Energy Systems)
 - statistical thinking (Information Technology)

When will the course take place?

Saturday, 24 August 2019, 08:45 a.m. – 12:55 p.m.

Saturday, 31 August 2019, 08:45 a.m. – 12:55 p.m.

Saturday, 7 September 2019, 08:45 a.m. – 12:55 p.m.

Saturday, 14 September 2019, 08:45 a.m. – 12:55 p.m.

Saturday, 21 September 2019, 08:45 a.m. – 12:55 p.m.

Where will the course take place?

Lucerne University of Applied Sciences and Arts – Business, Zentralstrasse 9, 6002 Luzern

Who will teach the course?

[Marc Locher](#), lecturer for mathematics and statistics at the Lucerne University of Applied Sciences and Arts – Lucerne School of Information Technology (winner of the Golden Globe awarded by the students in Business Information Technology who graduated in 2018; repeatedly outstanding teaching evaluations)

How much does the course cost?

CHF 540 (including course material)

Registration

Please use the form on the next page for your registration (**deadline: 4 July 2019**).

Note

Please bring the pocket calculator that you will use during the first semester of your studies.

Students also attending the preparation course in *financial accounting (Rechnungswesen)* should make sure that there are no conflicting schedules before choosing the course option in financial accounting.

For **more information**, please contact

Hochschule Luzern – Wirtschaft
Institut für Finanzdienstleistungen Zug IFZ
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6302 Zug
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Registration for the Math Refresher Course 2019

This course consists of 25 lessons and comprehensive self-study material.

This course will only take place if there are enough registrations. Participants are accepted on a first come first serve basis.

Surname: _____ First Name: _____

E-Mail: _____ Street: _____

Postcode: _____ Town: _____

I will study at Lucerne University of Applied Sciences

- Lucerne School of Business
- Lucerne School of Engineering and Architecture (Energy Systems)
- Lucerne School of Information Technology
- other school – please specify: _____

Course fee: CHF 540

I sign up for the Math Refresher Course. This registration is legally binding.

Cancellation policy:

- CHF 100 if you withdraw after receiving the course confirmation
- CHF 250 for withdrawals within five days before the start of the course
- not attending all lectures does not allow for a refund

Place, Date: _____ Signature: _____

Please complete, print and sign this form, take a picture of it and send the file to olivia.twerenbold@hslu.ch.

Alternatively, you can print, complete and sign this form and send it to
Hochschule Luzern – Wirtschaft
Institut für Finanzdienstleistungen Zug IFZ
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6302 Zug