



# Oat processing

## What you will learn

You will learn how to make an oat processing line efficient – including basic milling processes, machine design and plant operation, everything from intake to the finished product.

You will visit two oat processing plants in Switzerland and have a close-up look at some of the latest milling machines to see how they work.

You also learn about lab analysis and cereal science – the science behind different grains, particularly wheat.

## Required skill level

Moderate working experience in an oat mill. This course is well-suited for shift millers, head millers and mill managers.



## Next course dates and more information

Scan the QR code or go to [buhlergroup.com/academy](https://buhlergroup.com/academy)

## Price

CHF 2'100.00 per person / 1 week

## What is included

- Invitation letter for visa application
- Hands-on access to some of the latest milling machines
- Regular time for practical experience at our fully equipped Milling Academy hall. Visit two different oat processing plants in Switzerland
- Printed or digital training documents /Course certificate
- One social event with dinner
- Unlimited access to Wi-Fi and Internet



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## Detailed program



### Monday

#### Welcome at the Milling Academy

- Formalities and administrative matters
- Bühler factory visit, including research centers

#### Raw material

- Different cereal varieties and their application
- Composition and characteristics of the oat kernel

#### Intake & cleaning section

- Transport and cleaning equipment

### Tuesday

#### Cleaning (cont.) and grading:

- Study of different flow sheets
- Practical works in cleaning section

#### Dehulling section

- Machinery for dehulling
- New huller for oats

#### Kiln and cutting section:

- Study of various flow diagrams
- Details about the kiln
- Groat cutter

### Wednesday

#### Kiln and cutting section (cont.)

#### Nutrition and quality

- Oats in nutrition
- Various laboratory methods, evaluation of results

#### Food safety

#### Flaking section

- Steamer
- Flaking roller mill
- Fluid-bed dryer

### Thursday

#### Visit to Meyerhans Mühlen in Villmergen

#### Visit to Swissmill in Zurich

### Friday

#### Finished products

- Quality parameters of oat products
- Discussion of various finished products
- Degustation of different finished products

#### Periphery technologies

- Aspiration and pneumatics
- Scales in the oats process

#### Working hours

08.00 – 09.30 / 10.00 – 12.00  
13.15 – 15.00 / 15.15 – 17.00

We reserve the right to adjust the schedule for organizational reasons.

