



Oat milling

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

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

Oat milling

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.

