



Food Extrusion Workshop 2025

Food Extrusion Workshop.

Uzwil, Switzerland

With emphasis on machine and process technology, this hands-on focused workshop consists of lab sessions in Bühler's state-of-the-art extrusion pilot plant complemented by theory lessons.



Course content

Principles of extrusion technology

- Extrusion fundamentals
- Function of screw elements
- Effects of mechanical and thermal energy input
- Screw configurations for direct and indirect expanded food products

Extrusion process related equipment

- Steam addition into extruder and preconditioning as a means of thermal energy addition
- De-gassing and application of vacuum as a means of thermal energy removal
- Co-extrusion process and remote-cut technology
- Coloring and coating of extruded products
- Drying and toasting technology

Presentations of various extruded food products

- Direct and indirect expanded RTE breakfast cereals and snacks
- Dry and wet texturized plant-based proteins
- Modified flours, reconstituted rice and extruded breadcrumbs

Analytical methods to analyse raw materials and final products

- Conversion of starch and proteins during extrusion cooking process
- Demonstration in Bühler's Analytical Laboratory

With focus on demonstrations in our state-of-the-art Extrusion Application Center we will have theory sessions in between to provide the necessary understanding of the process of the extruded foods produced in each lab session.



Target group

This workshop is intended for operation supervisors, engineering or R&D personnel, etc.



Date

May 5 – 8, 2025



Language

English



Number of participants

Min. 15 participants



Place

Extrusion Application Center Bühler Uzwil CH

Safety first - please bring your own safety shoes and safety glasses.



Costs

CHF 4'900.-

Included: course documentation, lunches, social evening with dinner.

Excluded: Hotel accommodation, traveling costs, transportation/transfer between airport, hotel and Bühler.



Hotel

Accommodation from May 4 – 10, 2025 can be booked through Bühler using the registration form. Costs are to be covered by the participant. The hotel will be announced after registration.



General inquiries

vn.academy@buhlergroup.com

Registration

Please visit the website and fill in the contact form:

www.buhlergroup.com/extrusion-workshop

