SFT
Schule für Futtermitteltechnik
Swiss Institute of Feed Technology

COURSE DESCRIPTION

Diploma Course on Feed Technology
for SMS graduates

DIPLOMA COURSE
SMS GOES SFT

Language
English

Participants
14 - 20 persons

Audience
SMS graduates

Duration
July to
October

Costs
CHF 5'000

Venue
Training Center
Uzwil, Switzerland

GOAL AND PURPOSE OF COURSE

The aim of this advanced training is to provide graduates of the Swiss Milling School SMS in St. Gallen, in addition to their already acquired knowledge in flour milling, with theoretical and practical knowledge in feed technology, thus enhancing their professional competence.

Final product: flour? Yes, but not only. If you think of mills in terms of flour and daily bread, you are overlooking a major sector of the milling industry: feed companies. Global production of animal feed has increased in recent years despite multiple challenges. Feed production is a broad field. It reaches into many subject areas and offers attractive career opportunities to those who master it: In addition to farm animals, horses, small animals and zoo animals also want to fed. But the by-products from the production of flour and semolina are also used to a large extent as individual feed stuffs.

Prerequisite: the know-how.

In this course, students are given the necessary tools: knowledge of the digestion and metabolism of the various animals and their feed requirements is just as necessary as knowledge of the technology used in the production of compound feeds.

Healthy fed animals provide safe and valuable food. That is why the production of animal feed is so important. Millers make an important contribution to this.

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Cooperation between the Swiss School of Milling and the Swiss Institute of Feed Technology

The Swiss Milling School (SMS) and the Swiss Institute of Feed Technology (SFT) have decided to offer SMS graduates the opportunity to obtain the SFT diploma as "Feed Production Engineer" at reduced time and costs in addition to their diploma "Milling Technologist SMS".
Building on the knowledge already acquired at SMS in flour milling technology, the SFT offers a complementary technical training focusing on feed production, which requires a minimum absence from the workplace. In this four-week intensive course, graduates will be provided with the prerequisites to understand and operate all modern process technologies and processes in a compound feed plant and to apply them in practice.

Advantages of the cooperation:

- The total costs as well as the time required are significantly reduced compared to the regular diploma course.
- The course participants achieve a career-relevant degree in only one month (intensive course).
- The combination of both degrees increases the attractiveness of the graduates on the job market and offers more possibilities and flexibility for future career plans.

COURSE STRUCTURE

Preparatory correspondence course

A preparatory course of about 12 weeks precedes the intensive course and starts approx. three months in advance. It is designed to refresh existing basic knowledge and teaching new aspects. Students are committed to send part of their work according to a time schedule to the course-management.

The knowledge gained during the preparatory course serves as a basis for the subsequent intensive course.

Intensive course

In the intensive course, the students receive selective training in all important areas of modern feed manufacturing technology. The emphasis of training is on process technology and flow sheet design. The practical training offered in addition to theory enables students to understand the working principle of machinery, to discuss test results, and to familiarize themselves with modern laboratory methods.

APPLICATION TO (BY APPLICATION FORM)

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TOPICS

Basic concept of feed & premix manufacturing plants

State of the art plant layouts.The main process stages and their equipment.

Modern Process Technology

From the reception of raw materials to the shipping of the finished products.

Hands-on Training in the Training Center

Knowledge of machinery; working principle of equipment; operation, maintenance and safety precautions.

Hands-on Training in the Test Laboratory

Practical tests, in grinding and mixing; conditioning, hygienizing and compacting.

Feed Science and Animal Nutrition

Knowledge of raw materials, chemical composition of feeds and their conversion; least-cost formulation and quality management.

Hands-on Training in the Chemical & Macro Laboratories

Analysis of test results for determination of nutritional value and quality aspects.

Field Trips, Plant Tours

Visits of feed mills and related plants.