

Certificate of Advanced Studies ETH  
in Advanced Materials and Processes

# ETH Sabbatical CAS ETH AMaP

Customised continuing education  
for experienced industry professionals  
in **Advanced Materials and Processes**





## Research project

Participants conduct a research project in the mentor's group with access to the latest ETH research infrastructure. The project's thematic focus is aligned with the core expertise of the mentor. It may address fundamental, development or applied problems, considering theoretical and/or experimental aspects.



## Courses and lectures

To deepen their technical know-how with state-of-the-art knowledge, participants follow an individual course schedule put together from a wide range of lectures, seminars, and intensive courses offered at ETH Zurich.



## Knowledge transfer

Building on their practical industry expertise, participants are invited to share their know-how in seminars and workshops. Directly and personally exchanging ideas about a research or education problem is a very effective way to transfer knowledge from industry to academia and vice versa.



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## Application and start of programme

- Any time (upon agreement)

## Structure and duration

- Full-time: 2 months
- Part-time: within max. 12 months
- Minimum 12 ECTS credits (= approx. 360 working hours)

## Admission requirements

- Engineering or natural sciences Master's degree (or equivalent)
- Extensive industrial experience (at least 5 years) in the field of materials, processes, and manufacturing technologies
- Letter of support from current employer

## Accreditation

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## Cost

CHF 16,600

## Location

- Zurich (ETH Zentrum, ETH Hönggerberg)
- Basel (ETH Department of Biosystems Science and Engineering)

## Interested?

Contact Ms. Klara Berg, Programme Coordinator  
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