

MAS FH in Cardiovascular Perfusion



The Master in Cardiovascular Perfusion focuses on clinical-technical skills in invasive cardiac therapy. You will develop and expand your competence to become a clinical perfusionist.

Perfusion technology expert with heart, head and hand

The MAS FH Cardiovascular Perfusion enables you to train as a cardiovascular technician at university level. In addition to in-depth specialist knowledge, the course of study takes up current national and international procedures and shows you how modern cardiovascular technology can be established in your company.

The course meets the requirements of the European Board of Cardiovascular Perfusion (EBCP) and provides you with international skills in the field of cardiovascular technology.

MAS FH in Cardiovascular Perfusion - successful combination of theory and clinical experience

The Master's degree is geared towards practice in invasive heart therapy and expands your medical-technical competence as a specialist in clinical perfusion. The education for cardiotechnicians, which is unique in Switzerland, builds on your professional experience and previous knowledge. It is conducted in English; all materials and documents are translated into English.

Admission requirements

Awarding degree

Master of Advanced Studies Kalaidos FH in Cardiovascular Perfusion

Start

August 2026

Duration/ECTS

90 ECTS, 14 Modules, 6 semesters

Place

Zurich, fixed attendance days in combination with online teaching

Cost CHF/Application

Please see the current fees on the website (QR code)

→ careum-hochschule.ch



The study

Admission requirements

- Completed studies at a university or university of applied sciences
- Completion of higher vocational education and sufficient professional experience in a professional field relevant to continuing education in question as well as appropriate scientific knowledge.
- Extraordinary admission: individual examination by the admission committee
- Apprenticeship in anaesthesia, intensive or emergency care
- Prospect of internship in the field of cardiovascular perfusion
- Persons without the necessary prior knowledge must first complete an admission module for degree programmes at DAS/MAS level.

Further admission routes and detailed information on admission requirements can be found on the information page of the Department of Health: [Information page of the Department of Health](#).



Certificate

The postgraduate course MAS FH in Cardiovascular Perfusion has been developed to enable qualified professionals in Cardiovascular Perfusion (CP) to achieve an officially recognised degree. In cardiac surgery, sophisticated techniques are being increasingly developed to support the functions of the heart and the lungs. Alongside the demand for detailed expertise, there is a tendency towards minimal-invasive procedures, which can be applied more often. This constantly changes the technical environment, the requirements and the relationship with patients. The course with its Certificate of Accreditation is conceptualised in order to fulfil the requirements of the European Board of Cardiovascular Perfusion (EBCP).

Study contents

Mandatory modules MAS FH in Cardiovascular Perfusion:

Research Results: Findings and Evaluation

Medicine I

Medical Technology and Natural Science I

Medical Technology and Natural Science II

Medicine II and Perfusion Science I

Medicine III and Perfusion Science II

Applied Perfusion Science I

Medicine IV and Applied Perfusion Science II

Applied Perfusion Science III

Management in Health Care

Masterthesis

Practical Training (2 modules)



Get in contact!



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