

# 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

- Completed university studies
- 2 years work experience
- Apprenticeship in anaesthesia, intensive or emergency care (or admission "sur dossier"/ portfolio)
- Knowledge of scientific work
- The ability to read and understand English expert literature and to follow classes taught in English
- Prospect of an internship in the area Cardiovascular Perfusion

## Start

On request

## Awarding degree

Master of Advanced Studies FH in Cardiovascular Perfusion

**careum**

Careum  
School of Health  
Part of the Kalaidos University  
of Applied Sciences

# The study

## 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)

### Duration / ECTS

Duration: 6 semesters, 14 modules

90 ECTS (60 ECTS theoretical training, 30 ECTS practical training)

### Cost / Fees CHF

Price on request

## 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 to the requirements of the European Board of Cardiovascular Perfusion (EBCP).

## Application

→ [careum-hochschule.ch](http://careum-hochschule.ch)



## Any more questions? Get in contact!



### Manuel Iafrate

Head of MAS in Cardiovascular Perfusion  
MAS FH in Cardiovascular Perfusion  
Mail: [manuel.iafrate@careum-hochschule.ch](mailto:manuel.iafrate@careum-hochschule.ch)



**Kalaidos  
Fachhochschule  
Schweiz**

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### Careum School of Health

Gloriastrasse 18a, CH-8006 Zürich  
T +41 43 222 63 00  
[gesundheit@careum-hochschule.ch](mailto:gesundheit@careum-hochschule.ch)  
[careum-hochschule.ch](http://careum-hochschule.ch)