

Certificate of advanced studies (CAS) - Anti-Doping for Sport

Aim of the course The aim of the course is to give the opportunity to the participants to understand how sports organizations do tackle the current challenges of doping and of the fight against doping.

The program provides organizational, scientific, ethic, sociological and legal insight into the field of doping and anti-doping. It will describe how it operates on a national and international level.

Programme The course requires participating to two compulsory two-weeks modules. It represents 128 h of lectures and approx. 225 h of personal work (module and examination preparation). Classes are given from Monday to Friday morning.

Modules 1 & 2

1. General Organization of antidoping

- The World anti-doping code and the international standards
- The main actors of the fight against doping
- The future challenges for the sport movement
- Historical and sociological perspective

2. Science and biology for antidoping

- Prohibited substances and physiology
- Doping: health issues and trends
- Tests and analyses
- Detection of doping substances
- The athlete biological passport (ABP)
- Performance & confounding factors

Modules 3 & 4

3. Testing and investigations

- Planning and targeting (RTP and TDP)
- Sports specific analyses (TDSSA)
- Intelligence testing
- Sample collection
- Forensics for anti-doping

4. Legal framework for anti-doping

- Legislation for antidoping – the Code
- Good practice for operations in antidoping
- Results management
- Inhouse arbitration in sports federation
- Sanctioning – CAS arbitration

Teaching Language The entire course is conducted in English.

Examination Participants must complete either graded examinations, presentations or written paper for each module. Oral or written exams take place during each module on Friday mornings. Each examination is noted from 1-6 with half points.

Graduation Successful graduation requires an average grade of 4 for all examinations. Specific requirements for graduation are described in the "Regulation of studies" document. The Faculty of Social and Political sciences of the UNIL awards successful graduates of the program with a **Certificate of Advanced Studies in AntiDoping (12 ECTS credits)**.

Venue and agenda Campus of the University of Lausanne, Synathlon building. Classes are given from Monday to Friday morning. The CAS starts in March 2019 with a two-week module from March 18th to 29th. The second part is to be held in March 2020 with a two-week module from March 16th to 27th. Evaluations take place during each module on Friday mornings.

Registration until 30.11.2018

At <https://www.unil.ch/ssp/cas/anti-doping>