

Video in Teaching

Overview

Tools, application scenarios and support

www.lehre.unibe.ch/video

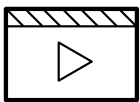
Producing videos



Podcasts – Record lectures and provide them in ILIAS/Tobira

Over 40 lecture halls are equipped with a podcast infrastructure. The spoken word, the image shown by the projector and the signal of a room camera (if installed) are recorded. The recording can be edited before publication and can ultimately be made available as a stream or download in ILIAS or Tobira. A list of equipped lecture halls and the procedure for recording can be found here:

» www.podcast.unibe.ch



Educational videos – Plan and create

Educational videos can be produced with different production techniques and with more or less effort. For example, a slidecast, in which presentation slides are recorded with simultaneous audio recording, can be created with little technical effort (directly in PPT or with Camtasia) and in short time. We can advise you on the technical equipment, software and tips for creating such videos.

» www.lehre.unibe.ch/videoproduktion



Maker Days & Week – Create videos and other digital learning materials

Spend two days or one week with experts from the fields of e-learning and university didactics and like-minded people at the University of Bern. Develop an innovative teaching concept and digital learning materials (mainly videos). Also expand and refine your repertoire of methods for in-person teaching.

» www.swissmakerweek.unibe.ch

Publishing videos



In ILIAS – Provide password protected videos

You can publish videos in a password protected section in ILIAS (e.g. on course level). This means, that for example only students of a course can access the videos. In the ILIAS object «Video (Opencast Series)», the videos can be offered as a stream or for download. The podcasts are also made available in such series.

» www.ilias.unibe.ch



On SWITCHtube - Publish videos (semi-) publicly and free of advertising

SWITCHtube is a video portal for the Swiss University Community. Videos can be published publicly and embedded in most websites. It also allows individual access (via link) or institutional access restriction (e.g. only Unibe members). The platform is free of advertising and the data is stored on servers in Switzerland.

» www.tube.switch.ch



On YouTube - publish videos publicly and worldwide

YouTube is the most popular public video portal and thus reaches the largest international audience. The videos can be easily embedded in other websites. The use of YouTube is free of charge, but the display of advertising can hardly be influenced.

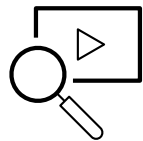
» www.youtube.com

Working with videos



Inverted Classroom – acquiring knowledge at home, deepening it on-site

Students learn the learning content at home with the help of videos. The knowledge is processed, deepened, or applied during the course. Accordingly, the role of the teacher changes - away from pure knowledge delivery to more assistance in knowledge processing and application. This scenario is captivating, due to the activation of the students, the promotion of professional and interdisciplinary competencies, and the consideration of individual learning paces.



Analyzing videos - In research and teaching

The Annotation Tool of Opencast is available for analyzing videos in teaching and research. The analysis takes place online in ILIAS – the installation of a separate program is not necessary. Free text comments can be written and category sets can be created and used for the analysis. In addition to research projects, this can be used to implement teaching scenarios such as case-based learning with video cases, video-based self-reflection (see below) or «Enhanced lecture captures».



Video-based self-reflection & peer coaching

If students are filmed while completing a task (e.g. in communication training or in rhetoric courses), these videos represent a promising source for self-reflectively learning - and this both self-reflectively and in the form of peer-coaching. Thanks to individual rights management in ILIAS, students only see their own or their partner's video and can analyze it (mutually) in Annotation Tool of Opencast.

Communicate via video

Please consult the flyer «Collaboration»:
» link.unibe.ch/kollaboration » Meet online