

ENG-608

Videomaking for science communication

Invited lecturers (see below), Milanese Enrico

Cursus	Sem.	Type
EDOC General and external courses		Opt.

Language of teaching	English
Credits	1
Session	
Exam	Oral presentation
Workload	30h
Hours	28
Courses	5
Exercises	3
TP	20
Number of positions	21

Frequency

Only this year

Summary

The goal of this introductory workshop is to teach participants how to craft compelling and accurate science stories with engaging videos.

Content

During this three-day course, the students will learn:

- 1) The basics of storytelling (story structure, narrative and the brain, writing a logline, pitching your story, the hero's journey)
- 2) How to apply storytelling to science communication (exploiting the story structure, simplifying information, avoiding jargon)
- 3) The basics of filmmaking (storyboarding, lighting, filming, editing, colour grading)
- 4) Science communication on social media (differences between different platforms)

At the end of the third day, the students will present their video(s) to the rest of the class. Note that presenting the video(s) and participating to the lectures is necessary to pass the class. At the end of the course, the students will be able to apply storytelling concepts to make their own engaging videos on a budget, targeting different platforms. Students will also be able to apply storytelling tools to scientific writing, presentation for conferences, and other means of communication among peers.

This course aims at filling the gap between scientists and science communication using filmmaking as a tool and social media as platform. Smartphones, with their tools and possibilities for filmmaking and video sharing will thus receive particular attention.

Note

Invited Lecturers:

Dr. Eleonora Aquilini (TBC), Dr. Daniel Toker (TBC)

Keywords

science communication, storytelling, public speaking, videomaking, social media

Learning Outcomes

By the end of the course, the student must be able to:

- Make their own engaging science videos on a budget

- Apply storytelling tools to scientific writing and presentations