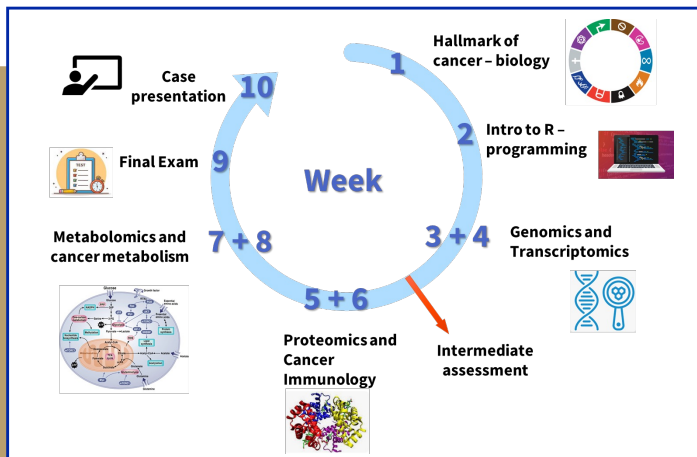




“Omics in oncology” A virtual exchange between Utrecht and Zurich

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Weekly course structure focusing on different topics

Innovative because...

A Collaborative Online International Learning (COIL) course offers a unique opportunity for students to gain experience in a collaborative and innovative educational setting with a global perspective and to learn about a very innovative and evolving field, such as OMICs technologies.

Exemplary because...

Mixed teaching methods will be used in synchronous as well as asynchronous sessions, which alternate between interactive lectures and case-based learning in small groups, but also self-study assignments and hands-on tutorials with real omics data. Students have the chance to interact and work in mixed international groups and to get engaged in a unique research-based teaching and learning virtual space.

Idea

Teaching a course in COIL mode significantly enhances its effectiveness compared to traditional courses. By design it prioritizes inclusivity and attracts students from different cultural backgrounds. Such diverse perspectives foster richer discussions and more comprehensive understanding of subject matter. Also, COIL courses act as catalyst for challenging students' preconceptions, develop critical thinking and intercultural competences.

Success factors / Results

Effective communication between the two partner universities and faculty support is integral to its success. Since this course is not directly aligned with the regular academic semester at UZH and is also an intense course for the students, it is very important to plan it accordingly and approach students well ahead of the course start date (FS 2025). We believe that carefully establishing this COIL course will directly impact the motivation of both students and teachers. This, hopefully, will translate into high levels of motivation to invest extra time and effort with their peers from the partner university.

Goals

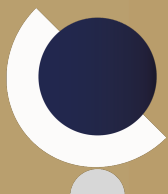
The goal of this COIL course is to establish an interactive learning experience at UU and UZH where participants become familiar with and engaged in various fascinating OMICs topics while learning to collaborate in a virtual environment using the advanced technical tools provided in this hybrid learning space. Ultimately, we envision our COIL course as an opportunity for participants to form international connections that could develop into long-lasting friendships among students from different universities, countries, and potentially diverse backgrounds.



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