

Schedule – Practical skills in sequence analysis, 2 HEC (PNS0191)

The course will be conducted remotely via Zoom. The course will consist of five scheduled group sessions with time for independent study in between. Course participants will attend Zoom lectures and perform their own analyses between sessions and then discuss their progress with the course leader and other course participants during the following session. For the final session (two available dates), the course participants will summarize their work and present their conclusions. For more info, see the course syllabus.

For a passing grade, a student must attend at least three out of the four initial sessions (I–IV), give a short oral presentation during one of the two dates for the final session (V, slot *a* and *b*) and submit a written report. If a student cannot attend either of the final sessions, an alternative date for presentation of results will be arranged with the course leader.

Teaching sessions:	
Jan 29 th , 9 am–12 pm	I: Welcome and introduction. Navigating sequence databases.
Feb 5 th , 9 am–12 pm	II: Homology searches.
Feb 12 th , 9 am–12 pm	III: Multiple sequence alignments, motif searches and phylogenetic trees.
Feb 19 th , 9 am–12 pm	IV: Reporting and visualizing sequence analysis data.
Feb 26 th , 9 am–2 pm*	V(<i>a</i>): Student presentations (first slot) and general discussion.
Feb 28 th , 1 pm–5 pm	V(<i>b</i>): Student presentations (second slot) and general discussion.

(* Lunch break 12 pm–1 pm. The duration of the session will depend on the number of presenting students.)