

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, 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 the final session (V) and submit a written report. If a student cannot attend the final session, an alternative date for presentation of results will be arranged with the course leader.

Teaching sessions:	
Nov 7 th , 10 am–2 pm	I: Welcome and introduction. Navigating sequence databases.
Nov 14 th , 10 am–2 pm	II: Homology searches.
Nov 21 st , 10 am–2 pm	III: Multiple sequence alignments, motif searches and phylogenetic trees.
Nov 28 th , 10 am–2 pm	IV: Reporting and visualizing sequence analysis data.
Dec 5 th , 10 am–2 pm	V: Student presentations and general discussion, course evaluation.