University of Minho
School of Medicine

BIOINFORMATICS IN HEALTH SCIENCES

February 10-28, 2025 ::: 16th Edition

Week 1

Day	Start	End	Theme
10/02/2025	09:30	10:30	Course welcoming session
	10:45	13:00	Introduction to Linux command line
	14:30	18:00	Biomedical data analyses with Linux command line (hands-on exercises)
11/02/2025	09:30	13:00	Biomedical data analyses with Linux command line (hands-on exercises)
	14:30	18:00	Biomedical data analyses with Linux command line (hands-on exercises)
12/02/2025	09:30	10:30	Introduction to Cloud programming
	10:30	13:00	AI assisted coding for Data Processing
13/02/2025	09:30	11:00	What are biological sequences? Where can I find them? What can I learn from them?
	11:30	13:00	Public online sequence databases and genome browsing
14/02/2025	09:30	12:30	AI assisted coding for Data Visualization
	12:30	13:00	Theme wrap-up discussion

Week 2

Day	Start	End	Theme
17/02/2025	09:30	12:30	Practical integrative exercises: "Space Race!"
	14:00	16:30	Exploring the Next Frontiers in Single-Cell Omics: Spatial Analysis
19/02/2025	09:30	13:00	Applications of Proteomics to Biological Questions
	14:30	18:00	Examples of Bioinformatics Approaches from the ICVS - short talks

Week 3

Day	Start	End	Theme
24/02/2025	09:30	13:00	Web Server presentations
28/02/2025	09:30	11:00	Exam