Monday 8.10	**Tuesday 9.10**	**Wednesday 10.10**	**Thursday 11.10**	**Friday 12.10**
9.30 - 10.45: Intro Unix I 11.00 - 12.30: Intro Unix II / Software installation 12.30 – 13.30: Lunch 13.30 – 15.00: Unix commands 15.15 - 17.00: HTS file formats	09.00 – 09.45: Introduction to Next Generation Sequencing 10.00 - 11.00: Applications of Next Generation Sequencing 11.15 – 12.00: Sequencing File formats 12.00 - 12.45: Lunch 12.45 – 15.15 FastQC and read trimming practical 15.30 – 17.00 Assembly: introduction	09.00 - 10.30: Assembly 10.45 - 12.00: Assembly 12.00 - 12.45: Lunch 12.45 - 15.15: Assembly 15.30 - 17.00: Assembly	09.00 - 10.30: Assembly 10.45 - 12.00: Assembly 12.00 - 12.45: Lunch 12.45 - 15.15: Assembly 15.30 - 17.00: Assembly	09.00 – 12.00: miRNA-seq Pt I 12.00 - 12.45: Lunch 12.45 - 17.00: miRNA-seq Pt II
Presenting (P)/assisting (A): Merete (P) Daniel (P) Morten (A) Karin (A)	Presenting (P)/assisting (A): Leonardo (P) - NGS Lex (P) – File formats, FastQC and read trimming, assembly Karin (A) Merete (A)	Presenting (P)/assisting (A): Lex (P) Karin (A)	Presenting (P)/assisting (A): Lex (P) Karin (A)	Presenting (P)/assisting (A): Merete (P) Daniel (A) Line (A)

Monday 15.10	**Tuesday 16.10**	**Wednesday 17.10**	**Thursday 18.10**	**Friday 19.10**
09.30 – 10.00: mRNA-seq technology 10.15 – 12.15: RNA-seq analysis theory 12.15 – 13.00: Lunch 13.00 - 17.00: RNA-seq analysis hands-on	09.00 - 09.30: mRNA-seq technology 09.45 - 11.45: RNA-seq analysis theory 11.45 - 12.30: Lunch 12.30 - 17.00: RNA-seq analysis hands-on	09.00 - 17.00: Basic variant calling	09.00 - 17.00: Advanced variant calling Functional annotation and filtering of VCF files	09.00 - 10.30: Statistical genome analysis 10.45 - 12.15: Statistical genome analysis 12.15 - 13.00: Lunch 13.00 – 14.00: Galaxy and reproducibility 14.15 - 15.15: Galaxy and reproducibility 15.30 - 17.00: Course evaluation, Instructions for exam
Presenting (P)/assisting (A): Susanne (P) Amine (P) Jan Christian (A) Daniel (A)	Presenting (P)/assisting (A): Amine (P) Susanne (P) Daniel (A) Jan Christian (A)	Presenting (P)/assisting (A): Tim (P) Yvan Strahm (A) Ying Sheng (A) Pubudu Samarakoon (A) Tony Håndstad (A)	Presenting (P)/assisting (A): Tim (P) Yvan Strahm (A) Ying Sheng (A) Pubudu Samarakoon (A) Tony Håndstad (A)	Presenting (P)/assisting (A): Sveinung (P) Geir Kjetil (P) Merete (A) Daniel (A) Kai (A)