

| V | Date | Week day | Time | Activity | Title of activity |
|-------------|------------|-------------|---------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|
| 35 | 2023-08-28 | Måndag | 08.00-09.00 | Lecture 1 | Course introduction & presentation of lab project |
| | | | 09.00-12.00 | Lecture 2 | Genome structure and function |
| | | | 13.00-15.00 | Lecture 3 | Repetitive DNA and genome plasticity |
| | | | 15.00-17.00 | Studies of your own | Own studies |
| | 2023-08-29 | Tisdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 4 | Genetic diversity and evolution |
| | | | 13.00-15.00 | Lecture 5 | Transcriptome and transcriptional regulation |
| | | | 15.00-17.00 | Studies of your own | Own studies |
| | 2023-08-30 | Onsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 6 | Functional Genomics |
| | | | 13.00-17.00 | Exercise | Group discussion 1 - Genomic structure |
| | 2023-08-31 | Torsdag | 08.00-09.00 | Studies of your own | Own studies |
| | | | 09.00-17.00 | Exercise | Computer exercise 1: Genome browsing |
| | 2023-09-01 | Fredag | 08.00-12.00 | Exercise | Group discussion 2 - Functional genomics |
| 13.00-17.00 | | | Studies of your own | Own studies | |
| 2023-09-02 | Lördag | | | | |
| 2023-09-03 | Söndag | | | | |
| 36 | 2023-09-04 | Måndag | 08.00-09.00 | Studies of your own | Own studies |
| | | | 09.00-17.00 | Exercise | Computer exercise 2 - Molecular evolution/Phylogeny |
| | 2023-09-05 | Tisdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 7 | Molecular phylogenomics |
| | | | 13.00-17.00 | Exercise | Computer exercise 3 - Molecular phylogenomics |
| | 2023-09-06 | Onsdag | 08.00-12.00 | Exercise | Group discussion 3 - Genomic diversity |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2023-09-07 | Torsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 8 | Epigenetics and epigenomics |
| | | | 13.00-17.00 | Exercise | Group discussion 4 - Epigenetics & epigenomics |
| 2023-09-08 | Fredag | 08.00-12.00 | Laboration | Lab project | |
| | | 13.00-17.00 | Studies of your own | Own studies | |
| 2023-09-09 | Lördag | | | | |
| 2023-09-10 | Söndag | | | | |
| 37 | 2023-09-11 | Måndag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 9 | Comparative genomics |
| | | | 13.00-15.00 | Lecture 10 | Primer design, PCR & Sequence analysis |
| | | | 15.00-17.00 | Studies of your own | Own studies |
| | 2023-09-12 | Tisdag | 08.00-12.00 | Studies of your own | Own studies |
| | | | 13.00-17.00 | Exercise | Group discussion 5 - Comparativ genomics |
| | 2023-09-13 | Onsdag | 08.00-12.00 | Exercise | Computer exercise 4: Primer design & Sequence analysis |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| 2023-09-14 | Torsdag | 08.00-17.00 | Laboration | Lab project | |
| | | 08.00-12.00 | Laboration | Lab project | |
| 2023-09-15 | Fredag | 13.00-17.00 | Studies of your own | Own studies | |
| | | | | | |
| 2023-09-16 | Lördag | | | | |
| 2023-09-17 | Söndag | | | | |
| 38 | 2023-09-18 | Måndag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 11 | Linkage analysis |
| | | | 13.00-15.00 | Lecture 12 | GWAS |
| | | | 15.00-17.00 | Studies of your own | Own studies |
| | 2023-09-19 | Tisdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 13 | QTL analysis |
| | | | 13.00-15.00 | Lecture 14 | Basic statistics in Genome Analysis |
| | 2023-09-20 | Onsdag | 15.00-17.00 | Studies of your own | Own studies |
| | | | 08.00-12.00 | Exercise | Computer exercise 5 - GWAS/PLINK |
| | 2023-09-21 | Torsdag | 13.00-17.00 | Studies of your own | Own studies |
| 08.00-12.00 | | | Studies of your own | Own studies | |
| 2023-09-22 | Fredag | 13.00-17.00 | Exercise | Group discussion 6 - Gene mapping, GWAS, & QTL analysis | |
| | | 08.00-17.00 | Laboration | Lab project | |
| 2023-09-23 | Lördag | | | | |
| 2023-09-24 | Söndag | | | | |
| 39 | 2023-09-25 | Måndag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 15 | Illumina high throughput genome sequencing and analysis |
| | | | 13.00-17.00 | Exercise | Group discussion 7 - Analysis of genomic sequence variation |
| | 2023-09-26 | Tisdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-15.00 | Lecture 16 | PacBio & ONT long read sequencing technology |
| | 2023-09-27 | Onsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| 2023-09-28 | Torsdag | 08.00-12.00 | Laboration | Lab project | |
| | | 13.00-17.00 | Exercise | Computer exercise 6 - NGS Part 1 | |
| 2023-09-29 | Fredag | 08.00-17.00 | Laboration | Lab project | |
| 2023-09-30 | Lördag | | | | |
| 2023-10-01 | Söndag | | | | |
| 40 | 2023-10-02 | Måndag | 08.00-17.00 | Laboration | Lab project |
| | | | | | |
| | 2023-10-03 | Tisdag | 08.00-17.00 | Laboration | Lab project |
| | | | | | |
| | 2023-10-04 | Onsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2023-10-05 | Torsdag | 08.00-12.00 | Exercise | Computer exercise 7 - NGS Part 2 |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| 2023-10-06 | Fredag | 08.00-17.00 | Laboration | Lab project | |
| 2023-10-07 | Lördag | | | | |
| 2023-10-08 | Söndag | | | | |
| 2023-10-09 | Måndag | 08.00-10.00 | Lecture 18 | Applied Genomics | |
| | | 10.00-15.00 | Exercise | Group discussion 8 - High throughput genome sequencing (NGS) | |
| | | 15.00-17.00 | Studies of your own | Own studies | |

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| 41 | 2023-10-10 | Tisdag | 08.00-17.00 | Laboration | Lab project |
| | 2023-10-11 | Onsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2023-10-12 | Torsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-15.00 | Lecture 19 | Ethics in genomics |
| | | | 15.00-17.00 | Lecture 20 | Bioinformatics |
| | 2023-10-13 | Fredag | 08.00-17.00 | Laboration | Lab project |
| 2023-10-14 | Lördag | | | | |
| 2023-10-15 | Söndag | | | | |
| 42 | 2023-10-16 | Måndag | 08.00-17.00 | Laboration | Lab project |
| | 2023-10-17 | Tisdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 21 | Genome editing and transgenic animals |
| | 2023-10-18 | Onsdag | 13.00-17.00 | Exercise | Group discussion 9 - Genome editing & transgenic animals |
| | | | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-10-19 | Torsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-10-20 | Fredag | 08.00-12.00 | Studies of your own | Own studies |
| | | | 12.00 | | Hand in Lab Report |
| 2023-10-21 | Lördag | 13.00-17.00 | Studies of your own | Own studies | |
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| 2023-10-22 | Söndag | | | | |
| 43 | 2023-10-23 | Måndag | 08.00-12.00 | Studies of your own | Own studies |
| | | | 12.00 | | Hand in Oral presentation |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2023-10-24 | Tisdag | 08.00-17.00 | Lecture | Lab project - Oral presentations |
| | 2023-10-25 | Onsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-10-26 | Torsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-10-27 | Fredag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-10-28 | Lördag | | | |
| 2023-10-29 | Söndag | | | | |
| 44 | 2023-10-30 | Måndag | 08.00-17.00 | Examination | Written & Oral Examination |