

| V | Date | Week day | Time | Activity | Title of activity |
|-------------|------------|-------------|-------------------|--------------------------------------------------------------------|--------------------------------------------------------------|
| 44 | 2022-11-01 | Tisdag | 08.00-10.00 | Lecture 1 | Course introduction & presentation of lab project |
| | | | 10.00-12.00 | 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 |
| | 2022-11-02 | Onsdag | 08.00-10.00 | Lecture 4 | Genetic diversity and evolution |
| | | | 10.00-12.00 | Lecture 5 | Transcriptome and transcriptional regulation |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-03 | Torsdag | 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 |
| 2022-11-04 | Fredag | 08.00-12.00 | Exercise | Computer exercise 4: Genome browsing | |
| 2022-11-05 | Lördag | | | | |
| 2022-11-06 | Söndag | | | | |
| 45 | 2022-11-07 | Måndag | 08.00-12.00 | Exercise | Group discussion 4 - Functional genomics |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-08 | Tisdag | 08.00-12.00 | Exercise | Computer exercise 1 - Molecular evolution/Phylogeny |
| | | | 13.00-17.00 | Exercise | Computer exercise 1 - Molecular evolution/Phylogeny |
| | 2022-11-09 | Onsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 7 | Molecular phylogenomics |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-10 | Torsdag | 08.00-12.00 | Exercise | Group discussion 2 - Genomic diversity |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-11 | Fredag | 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 8 - Epigenetics & epigenomics | |
| 2022-11-12 | Lördag | | | | |
| 2022-11-13 | Söndag | | | | |
| 46 | 2022-11-14 | Måndag | 08.00-12.00 | Studies of your own | Own studies |
| | | | 13.00-17.00 | Laboration | Lab project |
| | 2022-11-15 | Tisdag | 08.00-09.00 | Studies of your own | Own studies |
| | | | 09.00-12.00 | Exercise | Computer exercise 2 - Molecular phylogenomics |
| | | | 13.00-15.00 | Lecture 9 | Comparative genomics |
| | | | 15.00-17.00 | Studies of your own | Own studies |
| | 2022-11-16 | Onsdag | 08.00-12.00 | Exercise | Group discussion 3 - Comparativ genomics |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-17 | Torsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 10 | Primer design, PCR & Sequence analysis |
| 13.00-17.00 | | | Exercise | Computer exercise 3: Primer design & Sequence analysis | |
| 2022-11-18 | Fredag | 08.00-17.00 | Laboration | Lab project | |
| 2022-11-19 | Lördag | | | | |
| 2022-11-20 | Söndag | | | | |
| 47 | 2022-11-21 | Måndag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-22 | Tisdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 11 | Linkage analysis |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-23 | Onsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 12 | GWAS |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-11-24 | Torsdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 13 | QTL analysis |
| 13.00-17.00 | | | Exercise | Group discussion 5 - Gene mapping, GWAS, & QTL analysis | |

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| | 2022-11-25 | Fredag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 14 | Basic statistics in Genome Analysis |
| | | | 13.00-17.00 | Exercise | Computer exercise 5- -GWAS/PLINK |
| | 2022-11-26 | Lördag | | | |
| | 2021-11-27 | Söndag | | | |
| 48 | 2022-11-28 | 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 - Analysis of genomic sequence variation |
| | 2022-11-29 | Tisdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-15.00 | Lecture 16a | PacBio & ONT long read sequencing technology |
| | | | 15.00-17.00 | Lecture 16b | High throughput genome sequencing and analysis |
| | 2022-11-30 | Onsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-12-01 | Torsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Exercise | Computer exercise 6a - NGS Part 1 |
| | 2022-12-02 | Fredag | 08.00-17.00 | Laboration | Lab project |
| | | 2022-12-03 | Lördag | | |
| | 2022-12-04 | Söndag | | | |
| 49 | 2022-12-05 | Måndag | 08.00-17.00 | Laboration | Lab project |
| | 2022-12-06 | Tisdag | 08.00-17.00 | Laboration | Lab project |
| | 2022-12-07 | Onsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-12-08 | Torsdag | 08.00-12.00 | Exercise | Computer exercise 6b - NGS Part 2 |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-12-09 | Fredag | 08.00-17.00 | Laboration | Lab project |
| | | 2022-12-10 | Lördag | | |
| | 2022-12-11 | Söndag | | | |
| 50 | 2022-12-12 | Måndag | 08.00-10.00 | Lecture 17 | Applied Genomics |
| | | | 10.00-15.00 | Exercise | Group discussion - High throughput genome sequencing (NGS) |
| | | | 15.00-17.00 | Studies of your own | Own studies |
| | 2022-12-13 | Tisdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | 2022-12-14 | Onsdag | 08.00-12.00 | Laboration | Lab project |
| | | | 13.00-17.00 | Studies of your own | Own studies |
| | | | 08.00-12.00 | Laboration | Lab project |
| | 2022-12-15 | Torsdag | 13.00-15.00 | Lecture 18 | Ethics in genomics |
| | | | 15.00-17.00 | Lecture 19 | Bioinformatics |
| 08.00-17.00 | | | Laboration | Lab project | |
| | 2022-12-17 | Lördag | | | |
| | 2022-12-18 | Söndag | | | |
| 51 | 2022-12-19 | Måndag | 08.00-17.00 | Laboration | Lab project |
| | 2022-12-20 | Tisdag | 08.00-10.00 | Studies of your own | Own studies |
| | | | 10.00-12.00 | Lecture 20 | Genome editing and transgenic animals |
| | | | 13.00-17.00 | Exercise | Group discussion 7 - Genome editing & transgenic animals |
| | 2022-12-21 | Onsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2022-12-22 | Torsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2022-12-23 | Fredag | 08.00-17.00 | Studies of your own | Own studies |
| | | 2022-12-24 | Lördag | | |
| | 2022-12-25 | Söndag | | | |
| | 2022-12-26 | Måndag | | | |
| 52 | 2022-12-27 | Tisdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2022-12-28 | Onsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2022-12-29 | Torsdag | 08.00-17.00 | Studies of your own | Own studies |

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| | 2022-12-30 | Fredag | 08.00-17.00 | Studies of your own | Own studies |
| | 2022-12-31 | Lördag | | | |
| | 2023-01-01 | Söndag | | | |
| 1 | 2023-01-02 | Måndag | 08.00-17.00 | Studies of your own | Own studies |
| | | | 12.00 | | Hand in Lab Report |
| | 2023-01-03 | Tisdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-01-04 | Onsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-01-05 | Torsdag | 08.00-17.00 | Studies of your own | Own studies |
| | | | 12.00 | | Hand in Oral presentation |
| | 2023-01-06 | Fredag | | | |
| | 2023-01-07 | Lördag | | | |
| 2023-01-08 | Söndag | | | | |
| 2 | 2023-01-09 | Måndag | 08.00-12.00 | Studies of your own | Own studies |
| | | | 13.00-17.00 | Lecture | Lab project - Oral presentations |
| | 2023-01-10 | Tisdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-01-11 | Onsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-01-12 | Torsdag | 08.00-17.00 | Studies of your own | Own studies |
| | 2023-01-13 | Fredag | 08.00-17.00 | Examination | Oral Examination |
| | 2023-01-14 | Lördag | | | |
| | 2023-01-15 | Söndag | | | |