

Timetable Designing Breeding Programmes HV0195 2021. Compulsory parts in bold.

| Date | Day | Time | Room | Activity | Content | Lecturer |
|---------------|-----|-------------|---|------------------|--|----------------------------------|
| Week 3 | | | | | | |
| 2022-01-17 | MON | 09.00-12.00 | | | <i>Read literature & prepare Previous knowledge, see instructions on course web page</i> | |
| 2022-01-17 | MON | 13.00-14.00 | Lecture room Y | Course start | REGISTRATION, course intro & project info | Susanne Eriksson |
| 2022-01-17 | MON | 14.00-15.00 | Lecture room Y | Lecture | Introduction breeding programmes | Susanne Eriksson |
| 2022-01-18 | TUE | | | | <i>Read literature on ethics, write and send questions, read literature & prepare Previous knowledge -see instructions</i> | |
| 2022-01-19 | WED | 10.00-12.00 | Lecture room Y | Lecture | Sustainability in future food production systems | Stanley Zira |
| 2022-01-20 | THU | 09.00-12.00 | room | Lecture | Ethical aspects on animal breeding, project questions | Helena Röcklinsberg |
| 2022-01-21 | FRI | 09.00-12.00 | Lecture room Y & 2 group rooms E203+205 | Group Discussion | Previous knowledge | Susanne Eriksson |
| Week 4 | | | | | | |
| 2022-01-24 | MON | | | | <i>Read literature, e.g. Compendium, make online quizz 1</i> | |
| 2022-01-25 | TUE | 09.00-12.00 | Lecture room U | Lecture | Estimation of parameters and genetic evaluation | Sreten Andonov |
| 2022-01-26 | WED | 10.00-12.00 | Lecture room U | Lecture | Cont.: Estimation of parameters and genetic evaluation/ GxE | Sreten Andonov |
| 2022-01-27 | THU | 09.00-12.00 | Lecture room U | Lecture | Breeding goal/Economic weights | Sreten Andonov |
| 2022-01-27 | THU | 13.00-15.00 | Computer room Hugin + Munin VHC | Exercise | SAS introduction | Susanne Eriksson + Anahit Nazari |
| 2022-01-28 | FRI | | | | <i>Read literature, e.g. Compendium</i> | |

| Week 5 | | | | | | |
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| 2020-01-31 | MON | 09.00-12.00 | | | <i>Prepare for computer exercise, read instructions</i> | |
| 2020-01-31 | MON | 13.00-17.00 | Computer room Hugin + Munin VHC | Computer Exercise | Computer exercise 1: Estimation of parameters & genetic evaluation:SAS | Susanne Eriksson + Anahit Nazari |
| 2020-02-01 | TUE | 10.00-10.30 | group room 02 | Group Discussion | Etical aspects of animal breeding, Group 1 | Helena Röcklinsberg |
| 2020-02-01 | TUE | 10.45-11.15 | group room 02 | Group Discussion | Etical aspects of animal breeding, Group 2 | Helena Röcklinsberg |
| 2020-02-01 | TUE | 11.30-12.00 | group room 02 | Group Discussion | Etical aspects of animal breeding, Group 3 | Helena Röcklinsberg |
| 2020-02-02 | WED | 09.00-12.00 | Lecture room R | Lecture | Genetic gain and inbreeding | Sreten Andonov |
| 2020-02-03 | THU | 10.00-12.00 | Lecture room U | Lecture | cont.: Genetic gain and inbreeding | Sreten Andonov |
| 2020-02-03 | THU | 13.00-16.00 | computer room 2 Ulls hus | Computer Exercise | cont. Computer exercise 1: DMU | Susanne Eriksson + Anahit Nazari |
| 2020-02-04 | FRI | 10.00-10.30 | group room 02 | Group Discussion | Project plan, Group 1 | Christos Palaiokostas |
| 2020-02-04 | FRI | 10.45-11.15 | group room 02 | Group Discussion | Project plan, Group 2 | Christos Palaiokostas |
| 2020-02-04 | FRI | 11.30-12.00 | group room 02 | Group Discussion | Project plan, Group 3 | Christos Palaiokostas |
| Week 6 | | | | | | |
| 2020-02-07 | MON | 09.00-12.00 | Lecture room Y | Lecture | Breeding for sustainable production | Stanley Zira |
| 2020-02-07 | MON | 13.00-17.00 | | | <i>Project work & literature study (e.g. Genomic Selection)</i> | |
| 2020-02-08 | TUE | 13.00-15.00 | Lecture room Y | Lecture | Economic weights - examples from NAV | Freddy Fikse |
| 2020-02-09 | WED | | | | <i>Project work & literature study (e.g. Genomic Selection)</i> | |
| 2020-02-10 | THU | | | | <i>Project work & literature study (e.g. Genomic Selection)</i> | |
| 2020-02-11 | FRI | 10.00-10.30 | group room 02 | Group Discussion | SDGs in project, group discussions, Gr 1 | Stanley Zira |
| 2020-02-11 | FRI | 10.45-11.15 | group room 02 | Group Discussion | SDGs in project, group discussions, Gr 2 | Stanley Zira |
| 2020-02-11 | FRI | 11.30-12.00 | group room 02 | Group Discussion | SDGs in project, group discussions, Gr 3 | Stanley Zira |

| Week 7 | | | | | | |
|------------|-----|-------------|---------------------------------|-------------------|--|---|
| 2020-02-14 | MON | 09.00-12.00 | Lecture room Y | Lecture | Genomic tools; genomic selection | Dirk-Jan de Koning |
| 2020-02-14 | MON | 13.00-17.00 | Computer room Hugin + Munin VHC | Computer exercise | Computer exercise 2: Genetic gain and inbreeding; SelAction. | Susanne Eriksson + Anahit Nazari |
| 2020-02-15 | TUE | | | | <i>Project work & literature study</i> | |
| 2020-02-16 | WED | 10.00-12.00 | Computer room Hugin + Munin VHC | Computer exercise | Project work: Help to get started with SelAction. | Susanne Eriksson + Anahit Nazari |
| 2020-02-17 | THU | 09.00-17.00 | | | <i>Prepare for discussion about literature (and visit horse seminar?)</i> | |
| 2020-02-18 | FRI | | | | <i>Visit thesis defense (horse genomics) or read literature</i> | Prepare for discussion about literature |
| Week 8 | | | | | | |
| 2020-02-21 | MON | | | | <i>Prepare for discussion about literature</i> | |
| 2020-02-22 | TUE | 10.00-12.00 | Lecture room Y | Discussion | Discussion about literature on e.g., crossbreeding, GM, & reproduction techniques. | Susanne Eriksson |
| 2020-02-23 | WED | 10.00-12.00 | Lecture room Y | Lecture | Breeding programs for insects (honey bee) | Sreten Andonov |
| 2020-02-24 | THU | 09.00-17.00 | | | <i>Project work & literature study</i> | |
| 2020-02-25 | FRI | 09.00-17.00 | | | <i>Project work & literature study</i> | |
| Week 9 | | | | | | |
| 2020-02-28 | MON | 09.00-17.00 | | | <i>Project work & literature study</i> | |
| 2020-03-01 | TUE | 10.00-10.30 | group room 15 | Group Discussion | Follow-up project, Group 1 | Christos Palaiokostas |
| 2020-03-01 | TUE | 10.45-11.15 | group room 15 | Group Discussion | Follow-up project, Group 2 | Christos Palaiokostas |
| 2020-03-01 | TUE | 11.30-12.00 | group room 15 | Group Discussion | Follow-up project, Group 3 | Christos Palaiokostas |
| 2020-03-02 | WED | 13.00-14.00 | Lecture room Y | Lecture | Follow-up Computer exercises + demonstration Genomic selection (GBLUP) | Susanne Eriksson |
| 2020-03-03 | THU | | | | <i>Project work & literature study</i> | |
| 2020-03-04 | FRI | | | | <i>Project work & literature study</i> | |

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| Week 10 | | | | | | |
| 2020-03-07 | MON | | | | <i>Project work & literature study</i> | |
| 2020-03-08 | TUE | | | | <i>Project work & literature study</i> | |
| 2020-03-09 | WED | | | | <i>Project work & literature study</i> | |
| 2020-03-10 | THU | 13.00-16.00 | Lecture room Y | Project presentations | Oral presentation of projects | Christos Palaiokostas + Susanne Eriksson |
| 2020-03-11 | FRI | | | | <i>Prepare for exam</i> | |
| Week 11 | | | | | | |
| 2020-03-14 | MON | | | | Online quiss 2 should be done | |
| 2020-03-15 | TUE | 13.00-15.00 | Lecture room Y | Question time | Questions before exam + oral course evaluation | Sreten Andonov + Susanne Eriksson |
| 2020-03-16 | WED | | | | <i>Prepare for exam</i> | |
| 2020-03-17 | THU | | | | <i>Prepare for exam</i> | |
| 2020-03-18 | FRI | | | | <i>Prepare for exam</i> | |
| Week 12 | | | | | | |
| 2020-03-21 | MON | | | | <i>Prepare for exam</i> | |
| 2020-03-22 | TUE | 08.00-13.00 | Computer room Hugin + Munin | Exam | Final written exam | |
| 2020-03-23 | WED | | | | Free | |
| Week ? | | | | | | |
| 2020-05-04 | WED | 13.00-18.00 | Computer room Hugin + Munin | Re-take exam afternoon | Re-take exam 1 (Second re-take exam 2022) | |