**Course Schedule of LB0109, Agroecology and sustainability of production systems (2021-22)**

**Classrooms for 3-4 lectures have been assigned preliminary rooms (highlighted in yellow) but may be held online as these rooms may not be optimal (see below). Confirmations will follow soon after discussion with the concerned teachers.**

Course leader: *Raj Chongtham (RC)*; email: *raj.chongtham@slu.se*

Course examiner: Georg Carlsson (GC) and Anna Peterson (AP)

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| **Date** | **Time** | **Lectures/activities** | **Room**  | **Teacher** |
| 02-nov-21 | 09.15-12.00 | Course introduction, instructions for course work | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | RC and GC |
|  | 13.15-15.00 | Sustainability and challenges for agriculture | Articum 2 | RC |
| 03-nov-21 | 09.15-10.00 | Agroecological principles and practices | Myllan | RC |
|  | 10.15-12.00 | Agroforestry | Myllan | LM |
| 04-nov-21 | 10.15-12.00 | Ecological mechanisms of (agro)ecosystem services  | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | RB |
|  | 13.15-16.00 | Ecosystem services to and from agricultural systems | Skörden | JB |
| 05-nov-21 | 09.15-12.00 | SAFA guidelines and TAPE tool, **Mandatory** | Skörden | RC |
|  | 12.15-15.00 | Social mingling with lunch and workshop to know each other | Skörden | RC, AP and GC |
| 08-nov-21 | 10.15-12.00 | Integrated weed management | <https://slu-se.zoom.us/j/65202599364>Passcode: 483931 | DH |
|  | 13.15-17.00 | Group work on TAPE |  |  |
| 09-nov-21 | 10.15-12.00 | Multifunctionality in farmland | Articum 3 | CH |
|  | 13.15-15.00 | Cropping systems and food diversification | Articum 3 | NRD |
| 10-nov-21 | 10.15-12.00 |  Beneficial biotic interactions and nutrient cycling | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | GC |
|  | 13.15-17.00 | Group work on TAPE |  |  |
| 11-nov-21 | 09.15-12.00 | Agriculture’s climate impact and sustainability in a food system perspective | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | GC |
|  | 13.15-16.00 | LCA and sustainability assessment of food production | Articum 2 | TP and RC |
| 12-nov-21 | 09.15-12.00 | Questions on TAPE | Articum 2 | RC |
| 15-nov-21 | 08.15-12.00 | Group work on TAPE |  |  |
|  | 13.15-15.00 | Animal welfare | Loftet or online (will confirm soon) | HS |
|  | 15.15-16.00 | Questions on Individual Assignment (IA) | Articum 3 or online (will confirm soon) | RC |
| 16-nov-21 | 10.15-12.00 | Social aspects in livestock | Olympen or online (will confirm soon) | PL |
|  | 13.15-17.00 | Seminar on TAPE, **Mandatory** | Myllan | RC, GC and AP |
| 17-nov-21 | 09.15-12.00 | Integrated pest management | Myllan | TD |
|  | 13.15-14.00 | Introduction to peer-based learning | Skörden | RC |
| 18-nov-21 | 08.15-10.00 | Crop and livestock production | Articum 3 | AH |
|  | 10.15-17.00 | Peer-based learning |  |  |
| 19-nov-21 | 10.15-12.00 | Soil quality, fertility and health | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | LMDM |
|  | 13.15-16.00 | Seminar on peer-based learning | Skörden | RC |
| 22-nov-21 | 10.15-12.00 | Markets and welfare | Skörden | AD |
|  | 13.15-15.00 | Agricultural and rural development policies | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | BK |
|  | -17.00 | Hand-in of starting document of IA by 17.00, **Mandatory** |  |  |
| 23-nov-21 | 13.15-15.00 | Urban and peri-urban crop production | Skörden | BA |
| 24-nov-21 | 09.15-10.00 | Transition to Agroecology | Articum 3 | RC |
|  | 10.15-12.00 | Global production and trade | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545. | KK |
| 25-nov-21 | 09.15-16.30 | Presentation of starting document of IA, **Mandatory** | Aulan or online (will confirm soon) | RC and GC  |
| 26-nov-21 |  | Prepare for farmer interview |  |  |
| 29-nov-21 | 09.15-17.00 (prel) | Farmer Interview in groups, **Mandatory** |  | RC, GC and AP |
| 30-nov-21 | 09.15-17.00 (prel) | Farmer Interview in groups , **Mandatory** |  | RC, GC and AP |
| 01-dec-21 |  | Prepare for farmer interview seminar |  |  |
| 02-dec-21 |  | Prepare for farmer interview seminar |  |  |
| 03-dec-21 |  | Prepare for farmer interview seminar |  |  |
| 06-dec-21 | 10.15-15.00 | Seminar Farmer interview, **Mandatory** | Articum 3 | RC, GC and AP |
|  | 15.15-17.00 | Questions about IA | Articum 3 | RC, GC and AP |
| 07-dec-21 | 08.15-10.00 | Ethical issues in agriculture- Lecture | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | PS |
|  | 10.15-12.00 | Ethical issues in agriculture- Seminar | https://slu-se.zoom.us/j/2465751769 Passcode: 954545 | GC |
|  | 13.15-15.00 | Introduction to seminar: Design of sustainable production systems | <https://slu-se.zoom.us/j/2465751769>Passcode: 954545 | GC |
| 08-dec-21 | 08.45-12.00 | Visit to SYSAV recycling plant | Bus in front of Library building, Alnarp | RC |
| 10-dec-21 | -17.00 | Hand-in of Farmer interview report by 17.00 hrs, **Mandatory** |  |  |
| 13-dec-21 | 13.15-16.00 | Seminar on design of sustainable production systems | Skörden | GC |
| 14-dec-21 | 09.15-12.00 | Agroecology in research and practice | Articum 3 | RC and additional teacher |
| 22-dec-21 | -17.00 | Hand-in of IA by 17.00 hrs, **Mandatory** |  |  |
| 10-jan-21 | 10.15-12.00 | Student seminar on Ecology, **Mandatory** | Articum 3 | RC, GC and AP |
|  | 13.15-17.00 | Student seminar on Sustainability, **Mandatory** | Articum 3 | RC, GC and AP |
| 11-jan-21 | 10.15-12.00 | Student seminar on Soil-Crop-Livestock, **Mandatory** | Skörden | RC, GC and AP |
|  | 13.15-17.00 | Student seminar on Socio-Economic, **Mandatory** | Skörden | RC, GC and AP |
| 12-jan-21 |  | Prepare for final workshop |  |  |
| 13-jan-21 | 10.15-17.00 | Final workshop, **Mandatory** | Myllan | RC, GC and AP |
| 14-jan-21 | 09.15-12.00 | Final workshop (continuation), **Mandatory** | Östan, Sunnan | RC, GC and AP |
| 14-jan-21 | 13.15-15.00 | Oral course evaluation | Myllan | RC |

**Acronyms of course teachers (in order of teaching schedule)**

RC: Raj Chongtham; GC: Georg Carlsson; LM: Lars Mogren; RB: Riccardo Bommarco; JB: Jan Bengtsson; DH: David Hansson; CH: Christine Haaland; NRD: Nawa Raj Dhamala; TP: Thomas Prade; HS: Hanna Sassner; PL: Peter Lundqvist; TD: Teun Dekker; AH: Anders Herlin; LMDM: Linda-Maria Dimitrova Mårtensson; AD: Annie Drottberger; BK: Brian Kuns; BA: Beatrix Alsanius; KK: Kostas Karantininis; PS: Per Sandin