**Course Schedule of LB0109, Agroecology and sustainability of production systems (2023-24).** *There could be few changes.*

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

Course examiner: Georg Carlsson (GC); Course assistant: Mati ([agwi0002@stud.slu.se](mailto:agwi0002@stud.slu.se))

**Student approx.: 35-40 numbers**

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| **Date** | **Day** | **Time** | **Lectures/activities** | **Room** | **Teacher** |
| 31 Oct | Tue | 13.15-16.00 | Course introduction, instructions for course work | Articum 3 | RC, GC, Mati |
| 01 Nov | Wed | 10.15-12.00 | Sustainability and challenges for agriculture | Myllan | RC |
| 02 Nov | Thu | 10.15-12.00 | Ecological mechanisms of (agro)ecosystem services | Articum 1 (also zoom)  <https://slu-se.zoom.us/j/2465751769>  Passcode: 954545 | RB |
|  |  | 13.15-15.00 | Soil quality and health | Articum 1 | HW |
| 03 Nov | Fri | 09.15-12.00 | Introduction to Individual assignment (IA) and Beneficial biotic interactions and nutrient cycling | Articum 2 | GC |
|  |  | 12.15-15.00 | Social mingling with lunch and workshop to know each other | Articum 2 | RC, Mati, AP and GC |
| Weekend | | | | | |
| 06 Nov | Mon | 10.15-12.00 | Agroforestry | Stora sessionsalen <https://slu-se.zoom.us/j/2465751769>  Passcode: 954545 | TS |
|  |  | 13.15-16.00 | Sustainability assessment and TAPE tool, **Mandatory** | Crafoordsalen | RC |
| 07 Nov | Tue | 10.15- 12.00 | Integrated weed management | Articum 1 | GB |
|  |  | 13.15-16.00 | Agriculture’s climate impact and sustainability in a food system perspective | Articum 2 | GC |
| 08 Nov | Wed | 08.15-12.00  14.30-16.00 | Group work on TAPE  Study visit SYSAV recycling plant | Bus will leave from Library building at 14.00 hrs | RC |
| 09 Nov | Thu | 08.15-12.00  13.15-14.00 | Group work on TAPE  Questions on TAPE and group work TAPE | Assembly Hall (Alnarpsgården) | RC |
| 10 Nov | Fri | 08.15-17.00 | Group work TAPE |  |  |
| Weekend | | | | | |
| 13 Nov | Mon | 09.15-12.00  13.15-15.00  15.15-16.00 | Seminar TAPE, **Mandatory**  Integrated Pest management  Questions on Individual Assignment (IA). | Articum 3  Crafoordsalen  Crafoordsalen | RC  TD  GC |
| 14 Nov | Tue | 09.15-12.00 | SLU agenda 2030 discussion Peter Aspengren | Articum 2 (ONLINE to  Sign-up) | RC |
| 15 Nov | Wed | 10.15-12.00 | Agroecological livestock production | https://slu-se.zoom.us/j/2465751769  Passcode: 954545 | EB |
| 16 Nov | Thu | 08.15-10.00  10.15-12.00 | Social aspects in livestock  Urban and peri-urban crop production- circular system | Articum 1  Articum 1 | PL  BA |
|  |  | 13.15-15.00 | Animal welfare | Articum 1 | Maria VR |
| 17 Nov | Fri | 10.15-12.00 | Markets and welfare | Articum 1 | AD |
|  |  | 13.15-14.00  14.15-17.00 | Introduction to peer-based learning  Work on Peer-based learning | Articum 1 | RC/Mati |
| Weekend | | | | | |
| 20 Nov | Mon | 09.15-11.00 | Agricultural and rural development policies | https://slu-se.zoom.us/j/2465751769  Passcode: 954545 | BK |
|  |  | 11.15-17.00 | Work on Peer based learning: Gleissman’s five level, peanut model, PRA, food landscape content for farm |  |  |
| 21 Nov | Tue | 09.15-11.00  11.15-12.00  13.15-17.00 | Food-Environment nexus. ATREE presentation  Agroforestry in South India  Work on Peer-based learning | To be decided  To be decided | SB  SK |
| 22 Nov | Wed | 09.15-12.00 | Presentation of Peer-based learning | Articum 2 | RC |
| 23 Nov | Thu | 10.15-12.00  13.15-17.00 | Design of sustainable production system  Work on IA | Myllan | GC |
| 24 Nov | Fri | 09.15-12.00 | Seminar Design of sustainable production system | Myllan | GC |
|  |  | 13.15-14.00  -17.00 hrs | Introduction to farmer interview  Hand-in of starting document of IA by 17.00, **Mandatory** | Articum 2 | RC |
| Weekend | | | | | |
| 27 Nov | Mon | 08.15-17.00 | Prepare for farmer interview |  |  |
| 28 Nov | Tue | 08.15-17.00 (prel) | Farmer Interview in groups, **Mandatory** |  | RC, DW, Mati, AP, GC |
| 29 Nov | Wed | 09.15-17.00 (prel) | Farmer Interview in groups, **Mandatory OR** Group work for farmer interview seminar and report |  | RC, DW, GC, Mati |
| 30 Nov | Thu |  | Group work for farmer interview seminar and report |  |  |
| 01 Dec | Fri |  | Group work for farmer interview seminar and report |  |  |
| Weekend | | | | | |
| 04 Dec | Mon | 09.00-15.00 | Seminar Farmer interview, **Mandatory** | Articum 3 | RC, AP |
|  |  | 15.15-17.00 | Introduction to student- organized seminar and Questions about IA | Articum 3 | GC |
| 05 Dec | Tue | 08.15-10.00 | Ethical issues in agriculture- Lecture | Stora sessionsalen  <https://slu-se.zoom.us/j/2465751769>  Passcode: 954545 | PS |
|  |  | 10.15-12.00  13.15-16.00 | Ethical issues in agriculture- Seminar  Agroecology in research and practice | Stora sessionsalen  Articum 2 | GC  Tentative: RC, Chloe, Laura Riggi, Anna Erdei, Anna-Karin, Pauliina, DW |
| 06 Dec | Wed |  | Work on farm interview report |  |  |
| 07 Dec | Thu | 10.15-12.00 | Transition to agroecology | Terra Nova | RC |
|  |  | -17.00 | Hand-in of Farmer interview report by 17.00 hrs, **Mandatory** |  |  |
| 08 Dec | Fri | 08-15-17.00 | Work on student-organized seminar |  |  |
| Weekend | | | | | |
| 11 Dec | Mon | 08.15-17.00 | Work on student-organized seminar |  |  |
| 12 Dec | Tue | 08.15-17.00 | Work on student-organized seminar |  |  |
| 13 Dec | Wed |  | Work on student-organized seminar |  |  |
| 14 Dec | Thu | 08.15-17.00 | Student-organized seminar, **Mandatory** | Articum 1 | GC |
| 15 Dec | Fri | 08.15-12.00 | Student-organized seminar, **Mandatory** | Articum 2 | GC |
| Weekend | | | | | |
| 16 Dec- 04 Jan |  |  | Work on IA during school days |  |  |
| 08 Jan | Mon | - 17.00 hrs | Submission of IA and individual reflection on Student organized seminar by 17.00 hrs |  |  |
| 09 Jan | Tue | 08.15-17.00 | Prepare for final workshop |  |  |
| 10 Jan | Wed | 09.15-12.00 | Final workshop, **Mandatory** | Articum 1 | GC |
| 11 Jan | Thu | 09.15-16.00 | Final workshop, **Mandatory** | Articum 1 | GC |
| 12 Jan | Fri | 09.15-12.00 | Final workshop (continuation), **Mandatory** | Articum 1 | GC |
|  |  | 13.15-15.00 | Oral course evaluation |  | RC, GC, AP, Mati |

**Acronyms of course teachers**

RC: Raj Chongtham; GC: Georg Carlsson; AP: Anna Peterson; DW: Dylan Wallman; TS: Tom Staton; RB: Riccardo Bommarco; GB: Göran Bergkvist; MVR: Maria V Rörvang; PL: Peter Lundqvist; EB: Ed Bailey; TD: Teun Dekker; HW: Hanna Williams; AD: Annie Drottberger; BK: Brian Kuns; BA: Beatrix Alsanius; KK: Kostas Karantininis; SB: Srinivas Badiger; SK: Siddhartha Krishnan; PS: Per Sandin