

TN0354 Sustainable technologies for low- and medium income countries, 7.5 credits

Updated 2021-07-15. Details about which lectures will be online or on campus will change with majority given on campus if situation allows. Find the latest updated version on the Canvas course page:

<https://slu-se.instructure.com/courses/4611/pages/schedule>

| Day, date | Time | Room | Content | Lecturer |
|---|-------------|--------|--|------------|
| Introduction to sustainable development in low- and medium income countries | | | | |
| Wednesday, 2021-09-01 | 13:00-15:00 | Sal R | Introduction and course material distribution | GG, TB, EE |
| Wednesday, 2021-09-08 | 13:00-14:00 | Online | Sustainable development and participatory research | CZ |
| | 14:00-15:00 | Online | Sustainable development and appropriate technologies | GG |
| | 15:00-17:00 | Online | System Analysis of communities in low income countries with emphasis on food, water and energy resources | JM |
| Water, nutrient and waste management | | | | |
| Wednesday, 2021-09-22 | 13:00-15:00 | Online | Waste management | EE |
| | 15:00-17:00 | Online | Safe technologies for nutrient recycling | CL |
| Wednesday, 2021-09-29 | 13:00-15:00 | Online | Wastewater management | PML |
| | 15:00-17:00 | Online | Water resource management | TB |
| Small-scale renewable energy technologies | | | | |
| Wednesday, 2021-10-13 | 13:00-15:00 | Online | Wood fuel, charcoal, cook stoves | CS |
| | 15:00-17:00 | Online | Biogas | LJ |
| Wednesday, 2021-10-27 | 13:00-15:00 | Online | Hydropower, solar, and wind energy | TB |
| Wednesday, 2021-11-03 | 13:00-17:00 | Campus | Post-harvest technologies practical exercise | TB, GG, EE |
| Wednesday, 2021-11-10 | 13:00-15:00 | Campus | Calculation exercises | TB, EE |
| | 15:00-17:00 | Campus | Project introduction | TB, GG, EE |
| Wednesday, 2021-11-17 | 13:00-17:00 | Online | Draught animal power as source of energy | GG |
| Small-scale transport, logistics and supply chains for resource efficiency in rural and urban contexts | | | | |
| Wednesday, 2021-11-24 | 13:00-15:00 | Online | Post-harvest technologies (PHT) and value chain | GG |
| | 15:00-17:00 | Online | Intermediate transport, rural logistics and supply chain | GG |
| Wednesday, 2021-12-01 | 13:00-17:00 | Online | Project work & consultation (Presentation of project proposal by Group) | TB, GG, EE |
| Wednesday, 2021-12-15 | 13:00-15:00 | Online | Food traceability | TB |
| | 15:00-17:00 | Online | Project progress evaluation/consultation | TB, GG, EE |
| Wednesday, 2022-01-12 | 08:00-17:00 | Campus | Project presentation (opposition and discussion) | TB, GG, EE |

Lecturers

GG Girma Gebresenbet
 TB Techane Bosona
 EE Evgheni Ermolaev
 CZ Christian Zurbrügg
 JM Jennifer McConville

CL Cecilia Lalander
 PML Priscila de Morais Lima
 CS Cecilia Sundberg
 LJ Leandro Janke