

**Systems' Perspectives on Bioresources, 7.5 Credits – Final Schedule****Monday 9/10**

Time	Activity	Lecturer
8.30 – 10.15	Introduction to the course The global energy situation	Joakim Lundgren, LTU
10.15 - 10.30	Coffee	
10.30 – 11.30	Research presentations	All
11.30 – 13.00	Lunch	
13.00 - 14.30	The important role of system perspectives	Johanna Mossberg, CIT/f3
14.30 – 14.45	Coffee	
14.45 – 16.15	Techno-economic assessment methods	Ilkka Hannula, VTT
19.00 -	Dinner Bistro Norrland	

Tuesday 10/10

Time	Activity	Lecturer
8.30 – 10.00	The role of biomass in a sustainable energy system	Tomas Ekbohm, Svebio
10.00 – 10.15	Coffee	
10.15 – 11.30	Forest based biorefineries	Johanna Mossberg, CIT/f3
11.30 - 13.00	Lunch	
13.00 – 14.30	Energy systems modelling	Anna Krook-Riekkola, LTU
14.30 – 14.45	Coffee	
14.45 – 16.15	Workshop	All

**Wednesday 11/10**

Time	Activity	Lecturer
8.30 – 10.00	Introduction to Life Cycle Assessments (LCA)	Teresa de la Fuente, SLU
10.00 – 10.15	Coffee	
10.15 – 11.30	Introduction to Process integration	Andrea Toffolo, LTU
11.30 - 13.00	Lunch	
13.00 – 14.30	The Role of the Forest in Climate Policy	Tommy Lundgren, UmU
14.30 – 14.45	Coffee	
14.45 – 16.15	Cost-effective bioenergy plant localization	Elisabeth Wetterlund, LTU

Thursday 12/10

Time	Activity	Lecturer
8.30 – 10.00	Markets for forest resources - characteristics and price formation	Robert Lundmark, LTU
10.00 – 10.15	Coffee	
10.15 – 11.30	Individual reflections on how the content of the presentations (tools, methods) can be applied on your research	All
11.30 – 13.00	Lunch	
13.00 – 14.30	Writing scientific introductions	Johan Ingri, LTU
14.30 – 14.45	Coffee	
14.45 – 16.15	Project start and planning	All
18.00 –	Pizza evening and project discussions	All

**Friday 13/10**

Time	Activity	Lecturer
8.30 – 10.00	Project planning	All
10.00 – 10.15	Coffee	
10.15 – 11.30	Summary and discussions	Joakim Lundgren, LTU , All
11.30 - 12.30	Lunch	