

Timetable

Plastics – structure, properties and processing

Date	Time	Contents
Mo 15.9	13 - 17	Plastics in society <i>Course information, pros and cons, areas of use, materials, regulations</i>
Mo 22.9	13 - 15	Structure of polymers <i>Polymerization, morphology, amorphous and crystalline states</i>
Mo 29.9	13 - 15	Rheological properties <i>Viscous flow, viscoelasticity, mathematical models</i>
Mo 6.10	13 - 15	Mechanical properties <i>Stiffness and strength, creep and relaxation, effects of temperature</i>
Mo 13.10	13 - 15	Industrial biopolymers <i>Biobased polymers, biodegradable polymers</i>
Mo 20.10	12 - 13	<i>Start of the course week in Anderstorp by lunch</i>
	13 - 17	Lectures about plastic materials
Tu 21.10	08 - 10	Lectures about processing
	10 - 12	Laboratory work
	12 - 13	<i>Lunch</i>
	13 - 17	Study visits
We 22.10	08 - 10	Lectures about mould tooling
	10 - 12	Study visit
	12 - 13	<i>Lunch</i>
	13 - 17	Lectures about Moldflow simulation
Th 23.10	08 - 12	Lectures about circular use of plastic materials
	12 - 13	<i>Lunch</i>
	13 - 14	Assignment
	14 - 17	Study visit
Fr 24.10	08 - 10	Lectures about characterization techniques
	10 - 12	Presentation of assignment
	12 - 13	<i>End of course week in Anderstorp by lunch</i>

/ Anders Sjögren