

# MSc in Resource Recovery – Resource Recovery, 120 hec

Masterutbildning i resursåtervinning, 120 hp

Admitted autumn 2018

## Year 1 (2018/19) - Specialization Industrial biotechnology

Period 1	Period 2	Period 3	Period 4
Resource Recovery, 5 hec 42RR05 Resursåtervinning, 5 hp	Biofuels & Biological Treatments of Wastes 5 hec, A509TA Biobränsle och biologisk behandling av avfall, 5 hp	Bioprocess Design, 15 hec  A507TA	
Life Cycle Assessment, 5 hec A505TA Livscykelanalys, 5 hp	Thermal Energy Recovery, 5 hec, 42RT05 Termisk energiåtervinning, 5 hp	Bioprocessdesign, 15 hp	
Energy Recovery Processes, 5 hec, 42RE05 Energiomvandling ur avfall – viktiga processteg, 5 hp	Introduction to Polymer Materials, 5 hec 42RP05 Introduktion till polymera material, 5 hp	Biotechnology, 15 hec  A01TAI  Bioteknik, 15 hp	

## Year 1 (2018/19) - Specialization Energy technology

Period 1	Period 2	Period 3	Period 4
Resource Recovery, 5 hec 42RR05 Resursåtervinning, 5 hp	Biofuels & Biological Treatments of Wastes 5 hec, A509TA Biobränsle och biologisk behandling av avfall, 5 hp	Process Design - Energy Carrier Production, 15 hec  A500TA	
Life Cycle Assessment, 5 hec A505TA Livscykelanalys, 5 hp	Thermal Energy Recovery, 5 hec, 42RT05 Termisk energiåtervinning, 5 hp	Processdesign - Produktion av energibärare, 15 hp	
Energy Recovery Processes, 5 hec 42RE05 Energiomvandling ur avfall – viktiga processteg, 5 hp	Introduction to Polymer Materials, 5 hec 42RP05 Introduktion till polymera material, 5 hp	Introduction to Computational Modelling 7,5 hec  42RI07  Introduktion till datormodellering, 7,5 hp	Modelling of Combustion Processes - Theory and Application, 7,5 hec A506TA Modellering av förbränningsprocesser –teori och tillämpning 7,5 hp

## Year 1 (2018/19) – Specialization Polymer technology

Period 1	Period 2	Period 3	Period 4
Resource Recovery, 5 hec 42RR05 Resursåtervinning, 5 hp	Biofuels & Biological Treatments of Wastes 5 hec, A509TA Biobränsle och biologisk behandling av avfall, 5 hp	Introduction to Computational Modelling 7,5 hec  42RI07  Introduktion till datormodellering, 7,5 hp	Polymer Materials and Environment, 15 hec
Life Cycle Assessment, 5 hec A505TA Livscykelanalys, 5 hp	Thermal Energy Recovery, 5 hec, 42RT05 Termisk energiåtervinning, 5 hp		42RP15
Energy Recovery Processes, 5 hec, 42RE05 Energiomvandling ur avfall – viktiga processteg, 5 hp	Introduction to Polymer Materials, 5 hec, 42RP05 Introduktion till polymera material, 5 hp	Polymer Technology 7,5 hec 42RP07  Polymerteknologi, 7,5 hp	Polymera material och miljön, 15 hp

## Year 2 (2019/20) All Specializations

Period 1	Period 2	Period 3	Period 4
Thesis project, 30 hec A01TEX Examensarbete, 30 hp		Thesis project, 30 hec A02TEX Examensarbete, 30 hp	