

MSc in Resource Recovery – Resource Recovery, 120 hec

Masterutbildning i resursåtervinning, 120 hp

Admitted autumn 2017

Year 1 (2017/18) - 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, 42K21B Biobränsle och biologisk behandling av avfall, 5 hp | Bioprocess Design, 15 hec A507TA | |
| Life Cycle Assessment, 5 hec 42K23L 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 (2017/18) - 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, 42K21B Biobränsle och biologisk behandling av avfall, 5 hp | Process Design - Energy Carrier Production, 15 hec A500TA | |
| Life Cycle Assessment, 5 hec 42K23L 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 (2017/18) – 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, 42K21B 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 42K23L 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 (2018/19) 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 | |