

Semester 1

Aalto University, Finland

Economic Geology and Mineral Economics (5 ECTS)

Rock Mechanics (5 ECTS)

Field Experience and Project in Hard Rock Mining (5 ECTS)

Fundamentals of Minerals Engineering and Recycling (5 ECTS)

Metal Recycling Technologies (5 ECTS)

Elective studies (5 ECTS)

Semester 2

RWTH Aachen, Germany

Reserve Modelling and Estimation (5 ECTS)

Mine Ventilation (5 ECTS)

Mine Design and Simulation (5 ECTS)

Case study: Mining Projects (5 ECTS)

Feasibility Studies of Mining Projects (5 ECTS)

Mine Waste (5 ECTS)

Semester 3

Montanuniversität Leoben, Austria

Deposit Modelling (2 ECTS)

Open Pit Mining (4 ECTS)

Underground Mining (4 ECTS)

Continuous Mining (3 ECTS)

Mine Ventilation, Water Control, Infrastructure (3 ECTS)

Lab in Mine Ventilation (1 ECT)

Sustainable Development (6 ECTS)

Occupational and Process Safety (3 ECTS)

Elective Studies (4 ECTS)

Semester 4

Thesis

Thesis carried out at one of the universities or at a company with support from EMC (30 ECTS)

Degree diplomas received