

Minor: Sustainable Metals Processing

Course substitution arrangements for students who continue their studies according to the curriculum of 2022-2024 during the transitional period of 1.8.2024 - 31.12.2025, when some of the courses of the curriculum 2022-2024 are no longer taught.

Elective courses (20-25 credits)			
Choose courses from the list below so that the minor will be at least 20 cr			
Code	Course name	ECTS credits	Equivalence in 1.8.2024 - 31.12.2025
<u>CHEM-E6100</u>	Fundamentals of Chemical Thermodynamics	5	The course continues
<u>CHEM-E6130</u>	Metal Recycling Technologies	5	CHEM-E6230 Recycling Technologies D
<u>CHEM-E6140</u>	Fundamentals of Minerals Engineering and Recycling	5	The course continues
<u>CHEM-E6160</u>	Fundamentals of Pyrometallurgy	5	The course continues
<u>CHEM-E6180</u>	Fundamentals of Hydrometallurgy	5	The course continues
<u>CHEM-E7130</u>	Process Modeling	5	The course continues
<u>CHEM-E6225</u>	Technical Innovation Project D	10	The course continues
<u>CHEM-E6105</u>	Thermodynamics of Solutions D	5	The course continues
<u>CHEM-E6115</u>	Thermodynamics of Modeling and Simulation D	5	CHEM-L2180 Thermodynamics of Modeling and Simulation
<u>CHEM-E6215</u>	Circular Economy Design Forum D	5	The course continues
<u>CHEM-E6235</u>	Circular Economy for Materials Processing	5	The course continues
<u>CHEM-E6145</u>	Unit Operations in Mineral Processing and Recycling	5	The course continues
<u>CHEM-E6165</u>	Unit Processes in Pyrometallurgy	5	The course continues
<u>CHEM-E6185</u>	Applied Electrochemistry and Corrosion	5	The course continues
<u>CHEM-E7150</u>	Reaction Engineering	5	The course continues
<u>CHEM-E6210</u>	Individual Research Project V D	5	The course continues