

# Curriculum

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Course	Hours					ECTS
	L	S	P	O	Σ	
<b>1<sup>st</sup> semester</b>	<b>225</b>	<b>70</b>	<b>150</b>	<b>90</b>	<b>535</b>	<b>30</b>
Thermodynamics of materials II	45	15	30	90	180	6
Industrial metallurgy 2	45	10	25	0	80	6
Computational materials science	45	15	30	0	90	6
Industrial ecology and energetics	45	15	30	0	90	6
Casting II	45	15	35	0	95	6
<b>2<sup>nd</sup> semester</b>	<b>210</b>	<b>55</b>	<b>170</b>	<b>210</b>	<b>645</b>	<b>30</b>
Steelmaking II	30	20	25	90	165	6
Materials testing	30	0	30	60	120	4
Forming II	45	10	35	0	90	6
Physical metallurgy of steel	45	10	35	0	90	6
Welding	30	0	30	0	60	4
Thermomechanical processing of materials - practicum	30	15	15	60	120	4
<b>TOTAL</b>	<b>435</b>	<b>125</b>	<b>320</b>	<b>300</b>	<b>1180</b>	<b>60</b>

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#### Abbreviations used for the syllabus:

L lectures

S seminar

P practice

O other forms of educational activities (mainly project work)

ECTS – European Credits Transfer System (1 credit point equals a 30-hour student workload)

Grey – Grey written courses are not carried out in this academic year

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