

# 2nd year

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Course	Hours					ECTS
	L	S	P	O	Σ	
<b>3rd semester</b>	<b>210</b>	<b>30</b>	<b>195</b>	<b>0</b>	<b>435</b>	<b>30</b>
<a href="#">Metallography</a>	45	0	30	0	75	5
<a href="#">Electrotechnics</a>	30	15	30	0	75	5
<a href="#">Thermodynamics of metallurgical processes</a>	45	0	30	0	75	5
<a href="#">Information and computer support for metallurgical processes</a>	30	0	45	0	75	5
<a href="#">Forming of metal materials</a>	45	15	15	0	75	5
<a href="#">Practicals in measurements and regulations</a>	15	0	45	0	60	5
<b>4th semester</b>	<b>225</b>	<b>75</b>	<b>150</b>	<b>0</b>	<b>450</b>	<b>30</b>
<a href="#">Steelmaking</a>	45	15	15	0	75	5
<a href="#">Non-ferrous metals</a>	45	15	15	0	75	5
<a href="#">Materials testing</a>	45	0	30	0	75	5
<a href="#">Organization and company management</a>	30	30	15	0	75	5
<a href="#">Casting process practicals</a>	15	15	45	0	75	5
<a href="#">Optional professional course 1</a>	45	0	30	0	75	5
<b>TOTAL</b>	<b>435</b>	<b>105</b>	<b>345</b>	<b>0</b>	<b>885</b>	<b>60</b>

#### 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)

**Optional professional course 1** must be selected from the list of **Optional courses** listed on the page 3.rd year of study.