

**Master's degree program in Engineering Design  
as of 2020/2021 academic year**

**CURRICULUM**

ECTS Subject code **T IDE S.N.**

• **T** - type of course: **B** for BEng, **M** for MEng

• **IDE** – „Engineering Design“ (styling)

• **S.N.** - subsequent number of the subject

Lectures (L), tutorials (Tut.), labs (Lab.);

Exam (E), continuous assessment (CA), semester projects (SP), semester assignment (course work) (SA).

№	Subject	Semester Load						Assessment				ECTS code	ECTS credits
		L	Tut.	Lab.	Aud. Total	Self study	Total	E	CA	SP	SA		

**SEMESTER I**

1	Integrated Systems for Design and Manufacturing	30	0	30	60	60	120		1			<b>MIDE01</b>	<b>4</b>
2	Usability Engineering	30	0	15	45	75	120	1			1	<b>MIDE02</b>	<b>4</b>
3	Design of living spaces	30	0	30	60	60	120	1				<b>MIDE03</b>	<b>4</b>
4	Optional Engineering Subject (list - 1)	30	0	30	60	90	150	1			1	<b>MIDE04</b>	<b>5</b>
5	Optional Design Subject (list - 2)	30	0	30	60	90	150		1	1		<b>MIDE05</b>	<b>5</b>
6	Negotiation of the Design Work and Copyright	30	15	0	45	75	120		1			<b>MIDE06</b>	<b>4</b>
7	Optional Subject (list - 3)	30	0	15	45	75	120		1			<b>MIDE07</b>	<b>4</b>
<b>Total</b>		<b>210</b>	<b>15</b>	<b>150</b>	<b>375</b>	<b>525</b>	<b>900</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>		<b>30</b>

**SEMESTER II**

8	Optional Engineering Subject (list - 4)	30	0	30	60	60	120	1			1	<b>MIDE08</b>	<b>4</b>
9	Optional Design Subject (list - 5)	30	0	30	60	60	120	1		1		<b>MIDE09</b>	<b>4</b>
10	Design Expertise	30	0	30	60	60	120		1			<b>MIDE10</b>	<b>4</b>
11	Administration of Design Projects	30	15	0	45	45	90	1			1	<b>MIDE11</b>	<b>3</b>
13	Diploma Project					450	450	Diploma project defense			<b>MIDE12</b>	<b>15</b>	
<b>Total</b>		<b>120</b>	<b>15</b>	<b>90</b>	<b>225</b>	<b>675</b>	<b>900</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>		<b>30</b>

**NOTES:**

The list of optional subjects are annually updated and approved by the Faculty Council of Mechanical Engineering Faculty.

Subjects MIDE04.1, MIDE05.1, MIDE07, MIDE08.1 and MIDE09.1 form Master Program - **„Design (styling) of Industrial Products”**

Subjects MIDE04.2, MIDE05.2, MIDE07, MIDE08.2 and MIDE09.2 form Master Program – **„Textile and Wear Design”**

Subjects MIDE04.3, MIDE05.3, MIDE07, MIDE08.3 and MIDE09.3 form Master Program – **„Advertising Products Design”**

Subjects f MIDE04.4, MIDE05.4, MIDE07, MIDE08.4 and MIDE09.4 orm Master Program – **„Design of Vehicles”**

Subjects MIDE04.5, MIDE05.5, MIDE07, MIDE08.5 MIDE09.5 form Master Program - **„Games Environment Design (Modelling)“**

**LIST OF OPTIONAL SUBJECTS**

<b>List - 1 MIDE04 ( ECTS credits - 5 )</b>		<b>Code</b>
1	Design and Manufacturing of Household Products	<b>MIDE04.1</b>
2	CAD of Apparel	<b>MIDE04.2</b>
3	Constructions and Technologies in Exhibition Design	<b>MIDE04.3</b>
4	Automobile Techniques	<b>MIDE04.4</b>
5	3D Modeling	<b>MIDE04.5</b>

<b>List - 2 MIDE05 ( ECTS credits - 5 )</b>		<b>Code</b>
1	Design of Household Products	<b>MIDE05.1</b>
2	Apparel Design	<b>MIDE05.2</b>
3	Exhibition Design	<b>MIDE05.3</b>
4	Design of Wheel Vehicles	<b>MIDE05.4</b>
5	Drawing	<b>MIDE05.5</b>

<b>List - 3 MIDE07 ( ECTS credits - 4 )</b>		<b>Code</b>
1	Adhesive Bonding and Coatings in Industrial Design Engineering	<b>MIDE07.1</b>
2	Packaging and Package Design	<b>MIDE07.2</b>

<b>List - 4 MIDE08 ( ECTS credits - 4 )</b>		<b>Code</b>
1	Construction and Manufacturing of Illuminating Technique and Systems	<b>MIDE08.1</b>
2	Machines and Processes in Sewing and Knitwear	<b>MIDE08.2</b>
3	Design of Graphic Consumer Interfaces	<b>MIDE08.3</b>
4	Vehicles Engines	<b>MIDE08.4</b>
5	3D Animation	<b>MIDE08.5</b>

<b>List - 5 MIDE09 ( ECTS credits - 4 )</b>		<b>Code</b>
1	Means of Production's Design	<b>MIDE09.1</b>
2	Design of Knitted Goods	<b>MIDE09.2</b>
3	Office and Commercial Sites Design	<b>MIDE09.3</b>
4	Design of Non Wheel Vehicles	<b>MIDE09.4</b>
5	Study of Styles	<b>MIDE09.5</b>

### LIST OF FACULTATIVE SUBJECTS

№	Subject	Semester load						Assessment				ECTS code	ECTS credits
		L	Tut	Lab	Aud. Total	SS	Total	E	C A	SP	S A		

#### SEMESTER I

1	Visualization of Information	30	0	30	60	60	120		1			<b>FaMIDE01</b>	<b>4</b>
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#### SEMESTER II

2	Text & Images in WEB Design	30	0	30	60	60	120		1			<b>FaMIDE02</b>	<b>4</b>
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