

FACULTY OF Faculty of Automation and Computer Science
Domain Computer Science and Information Technology
Program Name Artificial Intelligence and Vision (in English language)
Study Level Master Research

CURRICULA Valid for the Academic Year 2026-2027

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COURSE CODE AND TITLE		Year: I										Method of Assessment			Nr. Of Hours/Discipline				ECTS/Sem		Discipline	
		SEM 1 14 weeks					SEM 2 14 weeks															
		C	S	L	P	Pr/Ce	C	S	L	P	Pr/Ce	E	C	V	Total	C	Apl	Indiv. St.	1	2	cat	type
1.00	Intelligent Agent Systems	2	1	0	0	0						Gr		100	28	14	58	4.0		DS	DOB	
2.00	Computer Networks	2	1	0	0	0						Gr		100	28	14	58	4.0		DF	DOB	
3.00	Distributed Systems	2	1	0	0	0						Gr		100	28	14	58	4.0		DF	DOB	
4.00	Deep Learning Based Computer Vision	2	1	0	0	0						Gr		100	28	14	58	4.0		DS	DOB	
5.00	Introduction in Quantum Machine Learning	1	1	0	0	0						Gr		100	14	14	72	4.0		DS	DOB	
6.00	Research Activity 1	0	0	0	0	14						A/R		250	0	196	54	10.0		DS	DOB	
7.10	Statistics and Probabilities						2	1	0	0	0	Gr		100	28	14	58	4.0		DS	DOP	
7.20	Languages and Type Systems						2	1	0	0	0	Gr		100	28	14	58	4.0		DS	DOP	
7.30	Algorithms and Computability						2	1	0	0	0	Gr		100	28	14	58	4.0		DS	DOP	
8.10	Interactive Systems						2	1	0	0	0	Gr		100	28	14	58	4.0		DF	DOP	
8.20	Industrial Informatics						2	1	0	0	0	Gr		100	28	14	58	4.0		DF	DOP	
9.00	Semantic Web and Agents						2	0	1	0	0	Gr		100	28	14	58	4.0		DS	DOB	
10.00	Computer Vision for Mobile Systems						2	0	1	0	0	Gr		100	28	14	58	4.0		DS	DOB	
11.00	Generative Artificial Intelligence						1	1	0	0	0	Gr		100	14	14	72	4.0		DS	DOB	
12.00	Research Activity 2						0	0	0	0	14	A/R		250	0	196	54	10.0		DS	DOB	
TOTAL PER YEAR		9	5	0	0	14	9	3	2	0	14	sem1	4	1	1	1500	252	532	716	30.0	30.0	
					14.0					14.0		sem2	4	1	1							

100.00	Mathematical models for machine learning	2	1	0	0	0			Gr	75	28	14	33	3.0	DF	DFA						
201.00	Psychopedagogy of Adolescents, Youngs and Adults	2	1	0	0	0			Gr	125	28	14	83	5.0	DC	DFA						
301.00	Volunteering 1	0	1	0	0	0			A/R	50	0	14	36	2.0	DC	DFA						
202.00	Design and Management of Educational Programs						2	1	0	0	0			Gr	125	28	14	83	5.0	DC	DFA	
203.10	Educational Communication						1	2	0	0	0			Gr	125	14	28	83	5.0	DC	DFA	
203.20	Educational Research Methodology						1	2	0	0	0			Gr	125	14	28	83	5.0	DC	DFA	
203.30	Modern Trends in Assesement Theory and Practice						1	2	0	0	0			Gr	125	14	28	83	5.0	DC	DFA	
302.00	Volunteering 2						0	1	0	0	0			A/R	50	0	14	36	2.0	DC	DFA	
TOTAL YEAR		4	3	0	0	0	3	4	0	0	0	sem1	2	0	1	550	98	98	354	10.0	12.0	
					7.0					7.0		sem2	2	0	1							

Rector,
Prof. dr. ing. Vasile Topa

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