

TITU MAIORESCU UNIVERSITY OF BUCHAREST
FACULTY OF INFORMATICS
FIELD OF STUDY: INFORMATICS
STUDY PROGRAM: ARTIFICIAL INTELLIGENCE
LANGUAGE OF INSTRUCTION: ENGLISH
STUDY PROGRAM: IF (FULL-TIME)
DURATION OF STUDIES: 3 years
PERIOD OF STUDY: 2026–2029
YEAR OF STUDY: II

APPROVED BY,

RECTOR,
Professor Daniel COCHIOR, PhD, Habil.

CURRICULUM
for the Academic Year 2027-2028

No.	SUBJECT CODE	SUBJECT	FORMATI VE CATEGO RY	NO. OF HOURS/ WEEK AND CREDITS								Type of asement	Comments
				Semester 3				Semester 4					
				C	S	L	Cr.	C	S	L	Cr.		
I		MANDATORY SUBJECTS											
1	AIE.2.3.1	Advanced statistics for AI	DF	2	-	2	5	-	-	-	-	E3	
2	AIE.2.3.2	Object-Oriented Programming	DF	2	-	2	5	-	-	-	-	E3	
3	AIE.2.3.3	Data Science	DS	2	-	2	5	-	-	-	-	E3	
4	AIE.2.3.4	Social Responsibility in AI	DC	2	2		3	-	-	-	-	V3	
5	AIE.2.3.5	Context and Prompt Engineering	DS	2	-	2	5	-	-	-	-	E3	
6	AIE.2.3.6	Ethics and Academic Integrity	DC	2	1	-	3	-	-	-	-	V3	
7	AIE.2.4.7	Machine Learning	DS	-	-	-	-	2	1	1	5	E4	

8	AIE.2.4.8	Advanced Programming in Java	DS	-	-	-	-	1	-	2	5	E4	
9	AIE.2.4.9	Databases	DF	-	-	-	-	2	-	2	4	E4	
10	AIE.2.4.10	Software Systems Verification and Validation for AI	DS	-	-	-	-	2	-	2	4	E4	
11	AIE.2.4.11	Internship *	DS	-	-	-	-	-	-	4	4	V4	

* Internship duration: 56 hours (during the semester or in a compact format)

II		MANDATORY COURSES WITH ADDITIONAL CREDITS											
12	AIE.2.3.12	Physical Education (III)	DC	-	1	-	1	-	-	-	-	V3	
13	AIE.2.4.13	Physical Education (IV)	DC	-	-	-	-	-	1	-	1	V4	
III		ELECTIVE SUBJECTS											
14	AIE.2.4.14	Privacy and Security in AI	DS	1	-	2	4	-	-	-	-	V3	One subject is chosen between 14 and 15
15	AIE.2.4.15	Information Theory	DS	1	-	2	4	-	-	-	-	V3	
16	AIE.2.4.16	Data Science for Business	DS	-	-	-	-	2	1	1	4	V4	One subject is chosen between 16 and 17
17	AIE.2.4.17	AI for Entrepreneurship	DS	-	-	-	-	2	1	1	4	V4	
18	AIE.2.4.18	Introduction to Game Theory	DS					1	-	2	4	V4	One subject is chosen between 18 and 19
19	AIE.2.4.19	Web Technologies	DS					1	-	2	4	V4	
		TOTAL HOURS AND CREDITS		13	3	10	30	10	2	14	30		
		TOTAL HOURS			26				26				
		EXAMS / VERIFICATIONS		E=4, V=4				E=4, V=4					

IV		FREE ELECTIVE SUBJECTS											
20	AIE.2.3.20	R Programming	DS	1	-	1	3	-	-	-	-	V3	

The subject's code consists of three letters followed by three digits, as follows:

the first two letters – initials of the study programme

the third letter – language of instruction (E – English)

the first digit – year of study

the second digit – semester (1, 2, 3, 4, 5, 6, ...)

the third digit – course number

Legend

C – lecture

E3, E4 – exam, semester 3, 4

L – laboratory

V3, V4 – verification, semester 3, 4

S – seminar

Cr – credits

DF = fundamental subject

DS = specialized subject

DC = complementary subject

DEAN,

Associate Professor Daniela JOIȚA, PhD

HEAD OF INFORMATICS DEPARTMENT

Associate Professor Mironela PÎRNĂU, PhD