

Faculty of Applied Information Technology
 field of study:
 specialty:
 level:
 professional title awarded to graduates:
 education profile:
 type of study:

INFORMATION TECHNOLOGY (ENG)
 Computer Science
 first-cycle studies
 licencjat
 practical
 full-time



UNIVERSITY of INFORMATION
 TECHNOLOGY and MANAGEMENT
 in Rzeszow, POLAND

IN.LSA.CPS.2026_Z

Students admitted in the academic year: 2026/2027

No.	Course title	Form of credit	Level	ECTS	ECTS PP	Number of hours																																																		
						I Year													II Year						III Year																															
						Total					including					sem 1			sem 2			sem 3			sem 4			sem 5			sem 6																									
L	S	W	Lab	P	eL	L	S	W	Lab	P	eL	ECTS	L	S	W	Lab	P	eL	ECTS	L	S	W	Lab	P	eL	ECTS	L	S	W	Lab	P	eL	ECTS																							
All-University Courses																																																								
1	English for Specific Purposes	GC, Ex	-	8	0	120	0	0	0	120	0	0	0	10																																										
2	Digital Safety and Awareness	C	-	1	0	10	10	0	0	0	0	0	0																																											
3	Fundamentals of Economics	C	-	1	0	20	0	20	0	0	0	0	0																																											
4	Personal Business Model	C	-	1	0	20	0	0	10	0	10	0	0																																											
5	Protection of Intellectual Property	C	-	1	0	8	8	0	0	0	0	0	0																																											
6	Academic Writing Skills	C	-	1	0	8	0	0	0	8	0	0	0																																											
7	Health and Safety while Studying	C	-	0	0	4	4	0	0	0	0	0	0																																											
8	Civilization Challenges	C	-	1	0	20	0	0	0	0	0	0	0																																											
9	Physical Education	C	-	0	0	60	0	0	60	0	0	0	0																																											
Basic Courses																																																								
10	Fundamentals of Mathematics with Elements of Linear Algebra	Ex	-	5	0	44	20	0	24	0	0	0	0	20																																										
11	Discrete Mathematics	Ex	-	6	0	52	22	0	30	0	0	0	0																																											
12	Mathematical Analysis	Ex	-	4	0	32	16	0	16	0	0	0	0																																											
13	Fundamentals of Statistics	GC	-	2	0	16	0	0	0	16	0	0	0																																											
14	Introduction to Electronics and Electrical Engineering	GC	3	3	0	38	0	0	0	18	0	0	20																																											
15	Physics	Ex	-	4	0	30	16	0	0	14	0	0	0																																											
16	Law	Ex	-	1	0	20	0	20	0	0	0	0	0																																											
Major-Related and Specialty Courses																																																								
17	Algorithms and Data Structures	Ex	4	5	3	50	26	0	0	24	0	0	0																																											
18	Introduction to IT	Ex	3	3	2	28	14	0	0	14	0	0	0	14																																										
19	Introduction to Programming	Ex	3	4	3	46	20	0	0	26	0	0	0	20																																										
20	Programming	Ex	4	4	3	42	0	22	0	20	0	0	0																																											
21	Object-Oriented Programming	Ex	4	4	3	40	0	20	0	20	0	0	0																																											
22	Software Engineering	Ex	5	4	2	46	22	0	0	24	0	0	0																																											
23	Computer System Architecture	Ex	4	5	3	54	26	0	0	28	0	0	0																																											
24	Operating Systems	Ex	3	4	2	40	24	0	0	16	0	0	0																																											
25	Network Technologies (CCNA)	Ex	3	7	4	62	22	0	0	20	20	0	0	22																																										
26	Social and Occupational Problems of IT	Ex	-	2	0	27	0	12	0	0	0	15	0	12																																										
27	Computer Graphics	Ex	-	2	1	30	0	16	0	14	0	0	0																																											
28	Databases	Ex	3	4	2	40	20	0	0	20	0	0	0																																											
29	Introduction to Artificial Intelligence	Ex	4	3	2	32	12	0	0	20	0	0	0																																											
30	Programming Project	GC	4	5	5	50	0	0	0	0	50	0	0																																											
31	Human-Computer Communication	GC	4	3	0	30	0	0	0	0	20	10	0																																											
32	Cybersecurity Essentials	GC	3	4	4	40	0	0	0	20	20	0	0																																											
33	Game Engines and Programming Technologies	GC	4	4	4	40	0	0	0	20	20	0	0																																											
34	Marketing and Business Aspects of Games	GC	4	4	4	44	0	0	0	24	20	0	0																																											
35	DevNet Technologies	GC	4	7	7	60	0	0	0	30	30	0	0																																											
36	Cloud Technologies	GC	4	7	7	60	0	0	0	30	30	0	0																																											
37	Advanced Network Technologies	GC	5	7	7	60	0	0	0	30	30	0	0																																											
38	Team Project	GC	3	4	4	40	0	0	0	0	40	0	0																																											
39	Diploma Seminar	GC	-	10	8	60	0	0	0	60	0	0	0																																											
40	Vocational Apprenticeship part 1 (3 months)	GC	-	18	18	480	0	0	0	480	0	0	0																																											
41	Vocational Apprenticeship part 2 (3 months)	GC	-	18	18	480	0	0	0	480	0	0	0																																											
Total						181	116	2483	302	110	200	576	290	45	90	12	24	120	20	15	26	88	58	76	132	0	0	31	44	40	40	110	80	20	28	58	0	0	86	30	0	35	0	0	30	80	120	0	27	22	0	30	48	40	10	34
						Number of hours per semester excluding Vocational Apprenticeship																																																		
											281					354					334					174					230					150																				

% ECTS electives	61	34%
ECTS credits to obtain within humanities or social sciences	5	
classes involving direct participation of academic teachers and students		
number of classes	2380	
ECTS	95	53%
% ECTS for classes developing practical skills	116	64%

LEGEND:
 C Credit
 GC Graded Credit
 Ex Exam
 L Lecture
 S Seminar
 W Workshops
 Lab Laboratory / Foreign Language Workshops
 P Project
 eL e-learning (Distance Learning)

MARKINGS:
 CISCO, AWS Authorised Training
 Exam
 Project conducted according to the Project-Based Learning model
 Classes developing practical skills