

Study Plan

1st semester

Course code	Name of the Course	Form of assessment	Department	ECTS	Total number of hours					
					Sum	L (lecture)	C (Classes)	L/S (Laboratory/Seminar)	P (Project)	Independent work
AIBS S01 01 00	Health and safety at work	Z	KPIB	0	5	5	0	0	0	0
AIBS S01 02 00	Library Training	Z		0	2		2	0	0	0
AIBS S01 03 00	Physical Education	Z		0	30	0	30	0	0	0
AIBS S01 04 00	Organisational management	E	KZ	4	100	30	30	0	0	40
AIBS S01 05 00	Economics	Z	KEIS	2	50	30	0	0	0	20
AIBS S01 06 00	Introduction to finance and accounting	Z	KFIR	4	100	30	30	0	0	40
AIBS S01 07 00	Marketing management	E	KM	4	100	30	30	0	0	40
AIBS S01 08 00	Logistics in the age of AI	Z	KOP	4	100	30	0	30	0	40
AIBS S01 09 00	Creativity in the organization	Z	KZ	2	50	0	0	30	0	20
AIBS S01 10 00	Epistemology and philosophy of knowledge	Z	KMIWZ	3	75	15	30	0	0	30
AIBS S01 11 00	Data Literacy	Z	KMIWZ	2	50	30	0	0	0	20
AIBS S01 12 00	Fundamentals of Mathematics	E	KMIWZ	4	100	30	30	0	0	40
Total				29	762	230	182	60	0	290

2nd semester

Course code	Name of the Course	Form of assessment	Department	ECTS	Total number of hours					
					Sum	L	C	L/S	P	Independent work
AIBS S02 13 00	Physical Education	Z	SWFiS	0	30	0	30	0	0	0
AIBS S02 14 01	Polish language	Z	SJO	2	50	0	30	0	0	20
AIBS S02 14 02	German language									
AIBS S02 14 03	Spanish language									
AIBS S02 15 00	Negotiations and persuasion	Z	KZ	3	75	15	0	30	0	30
AIBS S02 16 00	Probability Theory	E	KMIWZ	4	100	30	30	0	0	40
AIBS S02 17 00	Mathematical Foundations of ML	E	KMIWZ	4	100	30	30	0	0	40
AIBS S02 18 00	Editing and Working with Documents	Z	KZ	2	50	0	0	30	0	20
AIBS S02 19 00	Processing Data in Spreadsheets	Z	KMIWZ	2	50	0	0	30	0	20
AIBS S02 20 00	Fundamentals of Algorithmics and programming	Z	KMIWZ	4	100	30	0	30	0	40
AIBS S02 21 00	Databases and SQL for Analysts	Z	KOP	3	75	15	0	30	0	30
AIBS S02 22 00	Ethical and Philosophical Aspects of artificial intelligence	Z	KMIWZ	3	75	15	30	0	0	30
Total				27	685	135	150	150	0	270

3^d semester

Course code	Name of the Course	Form of assessment	Department	ECTS	Total number of hours					
					Sum	L	C	L/S	P	Independent work
AIBS S03 23 01	Polish language	Z	SJO	2	50	0	30	0	0	20
AIBS S03 23 02	German language									
AIBS S03 23 03	Spanish language									
AIBS S03 24 00	E-entrepreneurship	Z	KEIS	4	100	30	0	0	30	40
AIBS S03 25 00	Business effectiveness and risk analysis	Z	KFIR	3	75	15	30	0	0	30
AIBS S03 26 00	Self-presentation	Z	KM	3	75	0	45	0	0	30
AIBS S03 27 00	Teamwork and communication within the organisation	Z	KZ	3	75	15	30	0	0	30
AIBS S03 28 00	Market research methodology	Z	KM	3	75	15	0	0	30	30
AIBS S03 39 00	Management Statistics	E	KMIWZ	4	100	30	0	30	0	40
AIBS S03 30 00	Python for Business Data Analysis	Z	KMIWZ	3	75	0	0	45	0	30
AIBS S03 31 00	Robotic Process Automation	Z	KPIB	3	75	15	0	30	0	30
Total				28	680	120	135	105	60	280

4th semester

Course code	Name of the Course	Form of assessment	Department	ECTS	Total number of hours					
					Sum	L	C	L/S	P	Independent work
AIBS S04 32 01	Polish language	Z	SJO	2	50	0	30	0	0	20
AIBS S04 32 02	German language									
AIBS S04 32 03	Spanish language									
AIBS S04 33 00	Project Management I	Z	KMIWZ	4	100	30	0	0	30	40
AIBS S04 34 00	Modern logistics systems	Z	KOP	3	75	15	0	30	0	30
AIBS S04 35 00	Customer Relationship Management	Z	KM	3	75	15	0	30	0	30
AIBS S04 36 00	Market research project	Z	KM	3	75	15	0	0	30	30
AIBS S04 37 00	Knowledge management	Z	KZ	2	50	30	0	0	0	20
AIBS S04 38 00	Low-Code / No-Code Platforms	Z	KOP	2	50	0	0	30	0	20
AIBS S04 39 00	Business Analysis and Analytical Thinking	Z	KOP	3	75	15	0	30	0	30
AIBS S04 40 00	Machine Learning and Artificial Intelligence Models in Business	Z	KMIWZ	2	50	0	0	30	0	20
Elective module: Technological design - 1 out of 4 to choose from										
AIBS S04 41 01-04	EC I	Z		3	75	15	0	0	30	30
Elective module: Business project - 1 out of 3 to choose from										
AIBS S04 42 01-03	EC II	Z		2	50	0	0	0	30	20
AIBS S04 43 00	Student Internships I	Z		20	500	0	0	0	0	0
Total				49	1205	135	30	150	120	290

Elective Courses to choose from in the module: SIB S04 41 01 - *Object-Oriented programming*, SIB S04 41 02 - *Signal processing*, SIB S04 41 03 - *AI/ML systems engineering*, SIB S04 41 04 - *Internet of Things*, SIB S04 42 01 - *Virtual business accelerator*, SIB S04 42 02 - *Virtual VC studio*, SIB S04 42 03 - *E-commerce development*

5th semester

Course code	Name of the Course	Form of assessment	Department	ECTS	Total number of hours					
					Sum	L	C	L/S	P	Independent work
AIBS S05 44 01	Polish language	Z	SJO	2	50	0	30	0	0	20
AIBS S05 44 02	German language									
AIBS S05 44 03	Spanish language									
AIBS S05 45 00	Project Management II	Z	KMIWZ	4	100	30	0	0	30	40
AIBS S05 46 00	Digital transformation	Z	KPIB	3	75	15	0	30	0	30
AIBS S05 47 00	Cyber Security	Z	KIO	3	75	15	0	30	0	30
AIBS S05 48 00	BI and Storytelling	Z	KOP	3	75	15	0	30	0	30
AIBS S05 49 00	Exploratory Data Analysis and Visualisation	Z	KMIWZ	3	75	15	0	30	0	30
AIBS S05 50 00	Financial Modelling	Z	KFIR	3	75	15	0	30	0	30
AIBS S05 51 00	Fundamentals of BI Ops and MLOps	Z	KOP	3	75	15	0	30	0	30
AIBS S05 52 00	Natural Language Processing	Z	KMIWZ	3	75	15	0	30	0	30
AIBS S05 53 00	Diploma Project I	Z	KMIWZ	3	75	0	0	0	30	45
Total				30	750	135	30	210	60	315

6th semestr

Course code	Name of the Course	Form of assessment	Department	ECTS	Total number of hours					
					Sum	L	C	L/S	P	Independent work
AIBS S06 54 00	Intellectual property protection	Z	KOP	1	25	15	0	0	0	10
AIBS S06 55 00	Modern business financing	Z	KFIR	3	75	15	0	0	30	30
AIBS S06 56 00	AI in Business Optimisation	Z	KMIWZ	4	100	30	0	30	0	40
AIBS S06 57 00	Diploma Project II	Z	KMIWZ	4	100	0	0	0	30	70
Elective module: Data in Business Activities - 2 z 7										
AIBS S06 58 01-07	Project IIIa	Z		2	50	0	0	0	30	20
	Project IIIb	Z		2	50	0	0	0	30	20
AIBS S06 59 00	Student Internships II	Z		19	475	0	0	0	0	0
Razem				35	875	60	0	30	120	190

Elective Courses to choose from in the Data in Business Activities module: SIB S06 58 01 - *Logistics System Project*, SIB S06 58 02 - *Marketing Analytics and Marketing Intelligence*, SIB S06 58 03 - *Customer Research and Behaviour Mode*, SIB S06 58 04 - *AI-Based Fault Diagnosis*, SIB S06 58 05 - *Systems Based on LLM Project*, SIB S06 58 06 - *Image Processing*, SIB S06 58 07 - *Generative AI*