

Study plan

Name of study plan: Assistive Technologies

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Biomedical and Clinical Informatics

Type of study: Follow-up master full-time

Required credits: 120

Elective courses credits: 0

Sum of credits in the plan: 120

Note on the plan:

Name of the block: Compulsory courses

Minimal number of credits of the block: 120

The role of the block: Z

Code of the group: F7AST POV 18

Name of the group: Assistive Technologies compulsory course

Requirement credits in the group: In this group you have to gain 120 credits

Requirement courses in the group: In this group you have to complete 26 courses

Credits in the group: 120

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
F7PMIAAL-A	Ambient Assisted Living	Z,ZK	6	2P+2C	L	Z
F7PMIARVD	Analysis and Recognition of Multidimensional Data Olga Št pánková Olga Št pánková Olga Št pánková (Gar.)	Z,ZK	4	2P+2C	L	Z
F7PMIAS1	Signal Analysis I. Jan Hejda, Michal Huptych, Václav Gerla, Jan Kauler Jan Kauler Václav Gerla (Gar.)	Z,ZK	4	2P+2C	Z	Z
F7PMIAS2	Signal Analysis II. Jan Hejda, Michal Huptych, Václav Gerla, Kamila Lepková Jan Hejda	Z,ZK	4	2P+2C	L	Z
F7PMIASTK-A	Assistive Technology and Communication	Z,ZK	6	2P+2C	Z	Z
F7PMIATSS-A	Assistive Technology and Sensors Systems	Z,ZK	6	2P+2C	Z	Z
17BOZP	Occupational Safety and Health, Fire Protection and First Aid Petr Kudrna Petr Kudrna Petr Kudrna (Gar.)	Z	0	1P	Z	Z
F7PMIBAST-A	Safety in Assistive Technologies	Z,ZK	2	1P+1C	L	Z
F7PMIBD	Big Data Lenka Lhotská, Ond ej Klempí , Bohuslav Dvorský Lenka Lhotská Lenka Lhotská (Gar.)	Z,ZK	4	2P+2C	Z	Z
F7PMIBSB	Biological Signals and Biometrics Jan Kauler, Lenka Lhotská, Vladimír Kraj a Jan Kauler Vladimír Kraj a (Gar.)	Z,ZK	2	1P+1C	L	Z
F7PMIBST	Biostatistics Vojt ch Kamenský, Aleš Tichopád Vojt ch Kamenský Aleš Tichopád (Gar.)	Z,ZK	4	2P+2C	Z	Z
F7PMIDWT	Database and Web Technologies Jan Hejda, Bohuslav Dvorský Bohuslav Dvorský Bohuslav Dvorský (Gar.)	Z,ZK	4	2P+2C	L	Z
F7PMIDP1	Diploma Thesis I. Ond ej Klempí , Zoltán Szabó, Vladimíra Petránková, Petr Písa ík, Pavel Smr ka, Radim Krupí ka, Ond ej Fišer, Václav Petrák, Martin Otáhal, Radim Krupí ka Zoltán Szabó (Gar.)	KZ	8	2S	Z	Z
F7PMIDP2	Diploma Thesis II. Ond ej Klempí , Zoltán Szabó, Vladimíra Petránková, Petr Písa ík, Pavel Smr ka, Radim Krupí ka, Ond ej Fišer, Václav Petrák, Martin Otáhal Zoltán Szabó Zoltán Szabó (Gar.)	Z	14	2S	L	Z
F7PMILEG	Legislation and Safety of Biomedical Software and Data Lenka Lhotská, Dagmar Brechlerová Dagmar Brechlerová Dagmar Brechlerová (Gar.)	ZK	2	2P	Z	Z

F7PMIMAAT-A	Mobile Application in Assistive Technologies <i>Jan Mužík</i>	KZ	5	1P+2C	L	z
F7PMINUR	Design of User Interfaces <i>Zden k Míkovec Zden k Míkovec Zden k Míkovec (Gar.)</i>	Z,ZK	2	1P+1C	Z	z
F7PMIOOP	Object-Oriented Programming <i>Radim Krupi ka, Ond ej Dvorský Radim Krupi ka Radim Krupi ka (Gar.)</i>	Z,ZK	3	1P+2C	Z	z
F7PMIPAZ	Advanced Algorithms <i>Pavel Smr ka, Jan Broulím Pavel Smr ka Pavel Smr ka (Gar.)</i>	Z,ZK	5	2P+2C	Z	z
F7PMIPSLK-A	Psychology and Communication	ZK	2	2P	Z	z
F7PMIRAST	Robotics and Assistive Technology <i>Jan Kauler, Václav Hlavá Jan Kauler</i>	Z,ZK	5	2P+2C	L	z
F7PMIRPJ1	Year Project I. <i>Zoltán Szabó, Petr Písa ík, Radim Krupi ka, Václav Petrák, Martin Bejtíc, Jaroslav Tint ra Radim Krupi ka Radim Krupi ka (Gar.)</i>	KZ	8	2S	Z	z
F7PMIRPJ2	Year Project II. <i>Vladimíra Petráková, Petr Písa ík, Pavel Smr ka, Radim Krupi ka, Ond ej Fišer, Václav Petrák, Martin Otáhal, Jan Broulím, Martin Bejtíc, Zoltán Szabó</i>	KZ	8	2S	L	z
F7PMISKJ	Scripting Languages <i>Ond ej Klempí Radim Krupi ka Radim Krupi ka (Gar.)</i>	KZ	2	2C	Z	z
F7PMITAST-A	Creation and Design of Assistive Technologies	Z,ZK	6	2P+2S	L	z
F7PMIUMIT	Artificial Intelligence <i>Olga Št pánková, Milan N my, Martin Macaš Martin Macaš Olga Št pánková (Gar.)</i>	Z,ZK	4	2P+2C	Z	z

Characteristics of the courses of this group of Study Plan: Code=F7AST POV 18 Name=Assistive Technologies compulsory course

F7PMIAAL-A	Ambient Assisted Living	Z,ZK	6
F7PMIARVD	Analysis and Recognition of Multidimensional Data	Z,ZK	4
F7PMIAS1	Signal Analysis I.	Z,ZK	4
F7PMIAS2	Signal Analysis II.	Z,ZK	4
F7PMIASTK-A	Assistive Technology and Communication	Z,ZK	6
F7PMIATSS-A	Assistive Technology and Sensors Systems	Z,ZK	6
17BOZP	Occupational Safety and Health, Fire Protection and First Aid	Z	0
F7PMIBAST-A	Safety in Assistive Technologies	Z,ZK	2
F7PMIBD	Big Data	Z,ZK	4
F7PMIBSB	Biological Signals and Biometrics	Z,ZK	2
F7PMIBST	Biostatistics	Z,ZK	4
F7PMIDWT	Database and Web Technologies	Z,ZK	4
F7PMIDP1	Diploma Thesis I.	KZ	8
F7PMIDP2	Diploma Thesis II.	Z	14
F7PMILEG	Legislation and Safety of Biomedical Software and Data	ZK	2
F7PMIMAAT-A	Mobile Application in Assistive Technologies	KZ	5
F7PMINUR	Design of User Interfaces	Z,ZK	2
F7PMIOOP	Object-Oriented Programming	Z,ZK	3
F7PMIPAZ	Advanced Algorithms	Z,ZK	5
F7PMIPSLK-A	Psychology and Communication	ZK	2
F7PMIRAST	Robotics and Assistive Technology	Z,ZK	5
F7PMIRPJ1	Year Project I.	KZ	8
F7PMIRPJ2	Year Project II.	KZ	8
F7PMISKJ	Scripting Languages	KZ	2
F7PMITAST-A	Creation and Design of Assistive Technologies	Z,ZK	6
F7PMIUMIT	Artificial Intelligence	Z,ZK	4

List of courses of this pass:

Code	Name of the course	Completion	Credits
17BOZP	Occupational Safety and Health, Fire Protection and First Aid	Z	0
F7PMIAAL-A	Ambient Assisted Living	Z,ZK	6
F7PMIARVD	Analysis and Recognition of Multidimensional Data	Z,ZK	4
F7PMIAS1	Signal Analysis I.	Z,ZK	4
F7PMIAS2	Signal Analysis II.	Z,ZK	4
F7PMIASTK-A	Assistive Technology and Communication	Z,ZK	6
F7PMIATSS-A	Assistive Technology and Sensors Systems	Z,ZK	6

F7PMIBAST-A	Safety in Assistive Technologies	Z,ZK	2
F7PMIBD	Big Data	Z,ZK	4
F7PMIBSB	Biological Signals and Biometrics	Z,ZK	2
F7PMIBST	Biostatistics	Z,ZK	4
F7PMIDP1	Diploma Thesis I.	KZ	8
F7PMIDP2	Diploma Thesis II.	Z	14
F7PMIDWT	Database and Web Technologies	Z,ZK	4
F7PMILEG	Legislation and Safety of Biomedical Software and Data	ZK	2
F7PMIMAAT-A	Mobile Application in Assistive Technologies	KZ	5
F7PMINUR	Design of User Interfaces	Z,ZK	2
F7PMIOOP	Object-Oriented Programming	Z,ZK	3
F7PMIPAZ	Advanced Algorithms	Z,ZK	5
F7PMIPSLK-A	Psychology and Communication	ZK	2
F7PMIRAST	Robotics and Assistive Technology	Z,ZK	5
F7PMIRPJ1	Year Project I.	KZ	8
F7PMIRPJ2	Year Project II.	KZ	8
F7PMISKJ	Scripting Languages	KZ	2
F7PMITAST-A	Creation and Design of Assistive Technologies	Z,ZK	6
F7PMIUMIT	Artificial Intelligence	Z,ZK	4

For updated information see <http://bilakniha.cvut.cz/en/FF.html>

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