

# 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	<b>Ambient Assisted Living</b>	Z,ZK	6	2P+2C	L	Z
F7PMIARVD	<b>Analysis and Recognition of Multidimensional Data</b> Olga Št pánková, Milan N mý <b>Olga Št pánková</b> Olga Št pánková (Gar.)	Z,ZK	4	2P+2C	L	Z
F7PMIAS1	<b>Signal Analysis I.</b> Jan Hejda, Michal Huptych, Václav Gerla, Jan Kauler <b>Jan Kauler</b> Václav Gerla (Gar.)	Z,ZK	4	2P+2C	Z	Z
F7PMIAS2	<b>Signal Analysis II.</b> Jan Hejda, Michal Huptych, Václav Gerla, Kamila Dvo ák <b>Jan Hejda</b>	Z,ZK	4	2P+2C	L	Z
F7PMIASTK-A	<b>Assistive Technology and Communication</b>	Z,ZK	6	2P+2C	Z	Z
F7PMIATSS-A	<b>Assistive Technology and Sensors Systems</b>	Z,ZK	6	2P+2C	Z	Z
17BOZP	<b>Occupational Safety and Health, Fire Protection and First Aid</b> Petr Kudrna <b>Petr Kudrna</b> Petr Kudrna (Gar.)	Z	0	1P	Z	Z
F7PMIBAST-A	<b>Safety in Assistive Technologies</b>	Z,ZK	2	1P+1C	L	Z
F7PMIBD	<b>Big Data</b> Lenka Lhotská, Bohuslav Dvorský <b>Lenka Lhotská</b> Lenka Lhotská (Gar.)	Z,ZK	4	2P+2C	Z	Z
F7PMIBSB	<b>Biological Signals and Biometrics</b> Jan Kauler, Lenka Lhotská, Vladimír Kraj a <b>Jan Kauler</b> Vladimír Kraj a (Gar.)	Z,ZK	2	1P+1C	L	Z
F7PMIBST	<b>Biostatistics</b> Vojt ch Kamenský, Aleš Tichopád, Martina Homolková <b>Vojt ch Kamenský</b> Aleš Tichopád (Gar.)	Z,ZK	4	2P+2C	Z	Z
F7PMIDWT	<b>Database and Web Technologies</b> Jan Hejda, Slávka Ne uková <b>Slávka Ne uková</b> Slávka Ne uková (Gar.)	Z,ZK	4	2P+2C	L	Z
F7PMIDP1	<b>Diploma Thesis I.</b> Aleš Tichopád, Zoltán Szabó, Christiane Malá, Ond ej Klempí , Jaroslav Ko íšek, Pavel Ostašov, Romana Šíroká, Tomáš Veselý, Karel Hána, ..... <b>Radim Krupí ka</b> Zoltán Szabó (Gar.)	KZ	8	2S	Z	Z
F7PMIDP2	<b>Diploma Thesis II.</b> Milan N mý, Aleš Tichopád, Zoltán Szabó, Christiane Malá, Ond ej Klempí , Jaroslav Ko íšek, Pavel Ostašov, Romana Šíroká, Tomáš Veselý, ..... <b>Zoltán Szabó</b> Zoltán Szabó (Gar.)	Z	14	2S	L	Z
F7PMILEG	<b>Legislation and Safety of Biomedical Software and Data</b> Lenka Lhotská, Dagmar Brechlerová <b>Dagmar Brechlerová</b> Dagmar Brechlerová (Gar.)	ZK	2	2P	Z	Z
F7PMIMAAT-A	<b>Mobile Application in Assistive Technologies</b>	KZ	5	1P+2C	L	Z

F7PMINUR	<b>Design of User Interfaces</b> <i>Zden k Mikovec Zden k Mikovec Zden k Mikovec (Gar.)</i>	Z,ZK	2	1P+1C	Z	z
F7PMIOOP	<b>Object-Oriented Programming</b> <i>Bohuslav Dvorsky, Radim Krupi ka, Tomáš Kraj a Radim Krupi ka Radim Krupi ka (Gar.)</i>	Z,ZK	3	1P+2C	Z	z
F7PMIPAZ	<b>Advanced Algorithms</b> <i>Pavel Smr ka, Jan Broulím Pavel Smr ka Pavel Smr ka (Gar.)</i>	Z,ZK	5	2P+2C	Z	z
F7PMIPSLK-A	<b>Psychology and Communication</b>	ZK	2	2P	Z	z
F7PMIRAST	<b>Robotics and Assistive Technology</b> <i>Jan Kauler, Václav Hlavá Jan Kauler</i>	Z,ZK	5	2P+2C	L	z
F7PMIRPJ1	<b>Year Project I.</b> <i>Jan Hejda, Jan Kauler, Zoltán Szabó, Christiane Malá, Ond ej Klempí , Radim Krupi ka, Václav Petrák, Petr Písa ik, Št pán Timr Radim Krupi ka Zoltán Szabó (Gar.)</i>	KZ	8	2S	Z	z
F7PMIRPJ2	<b>Year Project II.</b> <i>Jan Hejda, Aleš Tichopád, Zoltán Szabó, Christiane Malá, Ond ej Klempí , Tomáš Veselý, Veronika Vym talová, Pavel Smr ka, Radim Krupi ka, ..... Zoltán Szabó</i>	KZ	8	2S	L	z
F7PMISKJ	<b>Scripting Languages</b> <i>Ond ej Klempí , Radim Krupi ka Radim Krupi ka Radim Krupi ka (Gar.)</i>	KZ	2	2C	Z	z
F7PMITAST-A	<b>Creation and Design of Assistive Technologies</b> <i>Karel Hána</i>	Z,ZK	6	2P+2S	L	z
F7PMIUMIT	<b>Artificial Intelligence</b> <i>Olga Št pánková, 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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