

Recommended pass through the study plan

Name of the pass: Assistive Technologies 18/19, 19/20, 20/21, 21/22, 22/23, 23/24, 24/25

Faculty/Institute/Others:

Department:

Pass through the study plan: Assistive Technologies

Branch of study guaranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Biomedical and Clinical Informatics

Type of study: Follow-up master full-time

Note on the pass: Informaci o p edepsaném minimálním po tu PV p edm t pro konkrétní jednotlivé semestry najdete v odpovídajícím studijním plánu specializace.

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV - compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L):

KZ - graded assesment, Z - assesment, ZK - examination, L - summer semester, Z - winter semester

Number of semester: 1

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
F7PMIAS1	Signal Analysis I. Jan Hejda, Michal Huptych, Václav Gerla, Jan Kauler Jan Kauler Václav Gerla (Gar.)	Z,ZK	4	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
F7PMIBST	Biostatistics Vojt ch Kamenský, Aleš Tichopád Vojt ch Kamenský Aleš Tichopád (Gar.)	Z,ZK	4	2P+2C	Z	z
F7PMILEG	Legislation and Safety of Biomedical Software and Data Dagmar Brechlerová, Lenka Lhotská Dagmar Brechlerová Dagmar Brechlerová (Gar.)	ZK	2	2P	Z	z
F7PMIOOP	Object-Oriented Programming Radim Krupí ka, Bohuslav Dvorský, Tomáš Kraj a Radim Krupí ka Radim Krupí ka (Gar.)	Z,ZK	3	1P+2C	Z	z
F7PMIPAZ	Advanced Algorithms Jan Broulím, Pavel Smr ka Pavel Smr ka Pavel Smr ka (Gar.)	Z,ZK	5	2P+2C	Z	z
F7PMIPSLK-A	Psychology and Communication	ZK	2	2P	Z	z
F7PMIRPJ1	Year Project I. Václav Gerla, Aleš Tichopád, Radim Krupí ka, Pavel Smr ka, Ond ej Klempí , Hana Kalábová, Christiane Malá, Tomáš Veselý, Karel Hána, Radim Krupí ka Radim Krupí ka (Gar.)	KZ	8	2S	Z	z
F7PMISKJ	Scripting Languages Ond ej Klempí Radim Krupí ka Radim Krupí ka (Gar.)	KZ	2	2C	Z	z

Number of semester: 2

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
F7PMIARVD	Analysis and Recognition of Multidimensional Data Olga Št pánková Olga Št pánková Olga Št pánková (Gar.)	Z,ZK	4	2P+2C	L	z
F7PMIAS2	Signal Analysis II. Jan Hejda, Michal Huptych, Václav Gerla, Kamila Lepková Jan Hejda	Z,ZK	4	2P+2C	L	z
F7PMIBAST-A	Safety in Assistive Technologies	Z,ZK	2	1P+1C	L	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
F7PMIDWT	Database and Web Technologies Jan Hejda, Bohuslav Dvorský Bohuslav Dvorský Bohuslav Dvorský (Gar.)	Z,ZK	4	2P+2C	L	z
F7PMIRPJ2	Year Project II. Radim Krupí ka, Jan Broulím, Pavel Smr ka, Vladimíra Petráková, Martin Bejtíc, Václav Petrák, Ond ej Fišer, Petr Písa ík, Martin Otáhal, Zoltán Szabó	KZ	8	2S	L	z

F7PMITAST-A	Creation and Design of Assistive Technologies <i>Karel Hána</i>	Z,ZK	6	2P+2S	L	z
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Number of semester: 3

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
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
F7PMIBD	Big Data <i>Lenka Lhotská, Bohuslav Dvorský Lenka Lhotská Lenka Lhotská (Gar.)</i>	Z,ZK	4	2P+2C	Z	z
F7PMIDP1	Diploma Thesis I. <i>Radim Krupí ka, Jan Broulím, Vladimíra Petráková, Zoltán Szabó, Jaroslav Tint ra Radim Krupí ka Radim Krupí ka (Gar.)</i>	KZ	8	2S	Z	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
F7PMIUMIT	Artificial Intelligence <i>Olga Št pánková, Martin Macaš Martin Macaš Olga Št pánková (Gar.)</i>	Z,ZK	4	2P+2C	Z	z

Number of semester: 4

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
F7PMIAAL-A	Ambient Assisted Living	Z,ZK	6	2P+2C	L	z
F7PMIDP2	Diploma Thesis II. <i>Radim Krupí ka, Pavel Smr ka, Ond ej Klempí, Vladimíra Petráková, Zoltán Szabó, Václav Petrák, Ond ej Fišer, Petr Písa ík, Martin Otáhal Zoltán Szabó Zoltán Szabó (Gar.)</i>	Z	14	2S	L	z
F7PMIMAAT-A	Mobile Application in Assistive Technologies <i>Jan Mužík</i>	KZ	5	1P+2C	L	z
F7PMIRAST	Robotics and Assistive Technology <i>Jan Kauler, Václav Hlavá Jan Kauler</i>	Z,ZK	5	2P+2C	L	z

List of groups of courses of this pass with the complete content of members of individual groups

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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