Recomended 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, 25/26

Faculty/Institute/Others:

Department:

Pass through the study plan: Assistive Technologies

Branch of study guranteed 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, Martina Homolková* **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 Krupi ka, Bohuslav Dvorský, Tomáš Kraj a* **Radim Krupi ka** *Radim Krupi 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.** *Jan Hejda, Jan Kauler, Radim Krupi ka, Václav Petrák, Petr Písa ík, Št pán Timr, Ond ej Klempí , Christiane Malá, Zoltán Szabó* **Radim Krupi ka** *Zoltán Szabó (Gar.)*	KZ	8	2S	Z	z
F7PMISKJ	**Scripting Languages** *Radim Krupi ka, Ond ej Klempí* **Radim Krupi ka** *Radim Krupi 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, Milan N mý* **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 Dvo ák* **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, Slávka Ne uková* **Slávka Ne uková** *Slávka Ne uková (Gar.)*	Z,ZK	4	2P+2C	L	z

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
F7PMIRPJ2	**Year Project II.** *Jan Hejda, Aleš Tichopád, Radim Krupi ka, Pavel Smr ka, Václav Petrák, Petr Písa ík, Št pán Timr, Ond ej Klempí , Christiane Malá, ...* **Zoltán Szabó**	KZ	8	2S	L	z
F7PMITAST-A	**Creation and Design of Assistive Technologies** *Karel Hána*	Z,ZK	6	2P+2S	L	z

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) Tutors, authors and guarantors (gar.)	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** *Lenka Lhotská, Bohuslav Dvorský* **Lenka Lhotská** *Lenka Lhotská (Gar.)*	Z,ZK	4	2P+2C	Z	z
F7PMIDP1	**Diploma Thesis I.** *Aleš Tichopád, Radim Krupi ka, Pavel Smr ka, Ond ej Klempí , Christiane Malá, Zoltán Szabó, Vladimíra Petráková, Tomáš Veselý, Veronika Vym talová, ...* **Radim Krupi ka** *Zoltán Szabó (Gar.)*	KZ	8	2S	Z	z
F7PMINUR	**Design of User Interfaces** *Zden k Míkovec* **Zden k Míkovec** *Zden k Míkovec (Gar.)*	Z,ZK	2	1P+1C	Z	z
F7PMIUMIT	**Artificial Intelligence** *Olga Št pánková, Martin Macaš* **Martin Macaš** *Olga Št pánková (Gar.)*	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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
F7PMIAAL-A	**Ambient Assisted Living**	Z,ZK	6	2P+2C	L	z
F7PMIDP2	**Diploma Thesis II.** *Aleš Tichopád, Radim Krupi ka, Jan Broulím, Pavel Smr ka, Ond ej Klempí , Christiane Malá, Zoltán Szabó, Milan N mý, Vladimíra Petráková, ...* **Zoltán Szabó** *Zoltán Szabó (Gar.)*	Z	14	2S	L	z
F7PMIMAAT-A	**Mobile Application in Assistive Technologies**	KZ	5	1P+2C	L	z
F7PMIRAST	**Robotics and Assistive Technology** *Jan Kauler, Václav Hlavá* **Jan Kauler**	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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