

Recommended pass through the study plan

Name of the pass: Medical Laboratory Diagnostics 19/20, 20/21, 21/22, 22/23, 23/24, 24/25, 25/26

Faculty/Institute/Others:

Department:

Pass through the study plan: Medical Laboratory Diagnostics

Branch of study guaranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Medical Laboratory Diagnostics

Type of study: Bachelor 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 programu.

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
F7PBLAF1	Human Anatomy and Physiology I. Martina Nedbalová Martina Nedbalová	Z	5	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
F7PBLEVZ	Ethics in Health Care Tibor Bre ka Tibor Bre ka Tibor Bre ka (Gar.)	KZ	2	2P	Z	z
F7PBLFYZ	Physics Jana Urzová, Eva Urbánková, Jan Mikšovský, Petr Písa ík Petr Písa ík Jana Urzová (Gar.)	Z,ZK	4	2P+1C+1L	Z	z
F7PBLMAZ	Management and Administration in Health Care Ji í erný Ji í erný Ji í erný (Gar.)	KZ	2	1P	Z	z
F7PBLCHLV	General Chemistry and Basic Laboratory Calculations Miriám Hošková, Iveta Horá ková, Martina Turchichová Iveta Horá ková Miriám Hošková (Gar.)	Z,ZK	6	2P+2C+2L	Z	z
F7PBLOBC	Fundamentals of General Biology and Cytology Ta ána Jarošíková Ta ána Jarošíková Ta ána Jarošíková (Gar.)	ZK	3	2P	Z	z
F7PBLZBF	Medical Biophysics Jozef Rosina, Jana Hudzietzová Jozef Rosina Jozef Rosina (Gar.)	Z,ZK	3	1P+1C	Z	z
F7PBLZPK	Medical Psychology and Communication Dana Rebe ka Ralbovská, Monika Donevová Monika Donevová Dana Rebe ka Ralbovská (Gar.)	Z	2	2P+1S	Z	z
F7PBLOATP	Professional English Terminology (Advanced) Eva Moty ková Eva Moty ková Eva Moty ková (Gar.)	Z	3	2S	Z	s
F7PBLOATZ	Professional English Terminology (Beginners) Eva Moty ková Eva Moty ková Eva Moty ková (Gar.)	Z	3	2S	Z	s

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
F7PBLAF2	Human Anatomy and Physiology II. Martina Nedbalová Martina Nedbalová Martina Nedbalová (Gar.)	Z,ZK	4	2P+2C	L	z
F7PBLBCH1	Biochemistry I. Miriám Hošková, Martina Turchichová, Anna Ludvíková Iveta Horá ková Martina Turchichová (Gar.)	Z,ZK	4	2P+2L	L	z
F7PBLILP	Individual Summer Practice (Biochemistry) Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)	Z	4	4XT	L	z
F7PBLMIM	Microscopic Methods Ta ána Jarošíková, Hana Vrbová Ta ána Jarošíková Ta ána Jarošíková (Gar.)	Z	2	1P+2L	L	z

F7PBLOMB	General Microbiology <i>Jan Bobek Jan Bobek Emil Pavlík (Gar.)</i>	Z,ZK	4	2P+2L	L	z
F7PBLOBM	Collection of Biological Material <i>Martina Dingová Šlíková Martina Dingová Šlíková Martina Dingová Šlíková (Gar.)</i>	Z	1	0.5C	L	z
F7PBLOPL	Laboratory Organization and Operation <i>Lucie Poláková, Ondřej Pošta Ondřej Pošta Ondřej Pošta (Gar.)</i>	Z	2	1P+1L	L	z
F7PBLPPO	First Aid <i>Pavel Böhm Pavel Böhm Pavel Böhm (Gar.)</i>	KZ	2	1P+1C	L	z
F7PBLZACH	Fundamentals of Analytical Chemistry <i>Iveta Horáková Iveta Horáková Iveta Horáková (Gar.)</i>	Z,ZK	4	2P+2L	L	z
F7PBLZLT	Basics of Laboratory Techniques <i>Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)</i>	Z	1	2L	L	z
F7PBLZRF	Fundamentals of Radiobiology and Photobiology <i>Jana Hudzietzová, Jaroslav Prucha, Leoš Navrátil Jana Hudzietzová</i>	Z,ZK	1	1P+1L	L	z
F7PBLZVZ	Basics of Public Healthcare and Legislation in Healthcare <i>Jan Bříza Jan Bříza Jan Bříza (Gar.)</i>	KZ	1	2P	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) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
F7PBLBCH2	Biochemistry II. <i>Lenka Fialová Daniela Obítková Lenka Fialová (Gar.)</i>	Z,ZK	5	2P+2L	Z	z
F7PBLHTS1	Hematology and Transfusion Service I. <i>Dominik Kutá, Miloš Bohoněk, Ludmila Landová Miloš Bohoněk Miloš Bohoněk (Gar.)</i>	Z	5	2P+3L	Z	z
F7PBLHHT	Histology and Histological Techniques <i>Jana Hudzietzová, Jiří Uhlík, Richard Becke Richard Becke Jiří Uhlík (Gar.)</i>	Z,ZK	5	2P+3L	Z	z
F7PBLKMB	Clinical Microbiology <i>Jan Bobek, Emil Pavlík Jan Bobek Emil Pavlík (Gar.)</i>	Z,ZK	4	2P+2L	Z	z
F7PBLZF	Basics of Pharmacology and Radiopharmacology <i>Jana Hudzietzová, Eva Jandová Jana Hudzietzová Jana Hudzietzová (Gar.)</i>	ZK	2	2P	Z	z
F7PBLZII	Fundamentals of Immunology and Immunochemistry <i>Taána Jarošíková, Romana Šírová Taána Jarošíková Taána Jarošíková (Gar.)</i>	Z,ZK	5	2P+2L	Z	z
F7PBLZPA	Basics of Pathology <i>Miloš Sokol Miloš Sokol Miloš Sokol (Gar.)</i>	ZK	2	2P	Z	z
F7PBLZOD	Image Data Processing in Laboratory Diagnostics <i>Zoltán Szabó, Christiane Malá Zoltán Szabó Zoltán Szabó (Gar.)</i>	Z	2	1P+1C	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
F7PBLGEN	Genetics <i>Taána Jarošíková, Hana Vrbová Taána Jarošíková Taána Jarošíková (Gar.)</i>	Z,ZK	2	2P+2C	L	z
F7PBLHTS2	Hematology and Transfusion Service II. <i>Miloš Bohoněk Miloš Bohoněk Miloš Bohoněk (Gar.)</i>	Z,ZK	4	2P+3L	L	z
F7PBLKBCH1	Clinical Biochemistry I. <i>Daniela Obítková, Lenka Fialová, Jaroslav Racek Daniela Obítková Jaroslav Racek (Gar.)</i>	Z	4	2P+2L	L	z
F7PBLKIM	Clinical Immunology <i>Roman Máalík Roman Máalík Roman Máalík (Gar.)</i>	Z,ZK	3	2P+2L	L	z
F7PBLPR	Laboratory practice-Hematology and Transfusions, Histology, Biochemistry, Microbiology, Immunology <i>Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)</i>	Z	9	40XD	L	z
F7PBLRAO	Radiation Protection <i>Jana Hudzietzová Jana Hudzietzová Jana Hudzietzová (Gar.)</i>	Z,ZK	1	1P+1C	L	z
F7PBLSBP	Bachelor Thesis Seminar <i>Monika Donevová Monika Donevová Monika Donevová (Gar.)</i>	Z	1	1S	L	z
F7PBLSLP	Ideal Laboratory Practice <i>Emil Pavlík Emil Pavlík Emil Pavlík (Gar.)</i>	Z,ZK	3	1P+2S	L	z
F7PBLSMJ	Quality Management System in the Laboratory <i>Vojtěch Kamenský, Peter Kneppo Eliška Friebová</i>	Z	1	1P+1S	L	z
F7PBLZHE	Basics of Hygiene and Epidemiology <i>Emil Pavlík Emil Pavlík Emil Pavlík (Gar.)</i>	KZ	2	2P	L	z

Number of semester: 5

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
F7PBLISZ	Information Systems in Health Care Zoltán Szabó, Christiane Malá, Dagmar Brechlerová, Anna Horáková, David Jirsa, Iva Bublíková, Martin Bejtík, Tomáš Kraj a Anna Horáková Zoltán Szabó (Gar.)	Z,ZK	3	2P+2C	Z	z
F7PBLKBCH2	Clinical Biochemistry II. Daniela Obítková, Jaroslav Racek, Pavla Bojarová Pavla Bojarová Jaroslav Racek (Gar.)	Z,ZK	6	2P+2L	Z	z
F7PBL LZP	Laboratory Medical Devices Martina Turchichová, Danuše Andrišová Kateřina Dunovská Martina Turchichová (Gar.)	Z,ZK	3	2P+2L	Z	z
F7PBLMVV	Methodology of Scientific Research Monika Donevová, Leoš Navrátil Leoš Navrátil Leoš Navrátil (Gar.)	Z	2	1P	Z	z
F7PBLMOB	Molecular Biology Tařána Jarošíková Tařána Jarošíková Tařána Jarošíková (Gar.)	Z,ZK	5	2P+2L	Z	z
F7PBLPMS	Probability and Mathematical Statistics Marek Piorecký, Zdeněk Linha, Michaela Mrázková, Filip ěrný Zdeněk Linha Marek Piorecký (Gar.)	KZ	4	1P+2C	Z	z
F7PBLZLZ	Exam Prep for working with Laboratory Animals Milada Šírová Milada Šírová (Gar.)	ZK	2	1P	Z	z
F7PBLSL	Forensic Medicine Miloš Sokol Miloš Sokol Miloš Sokol (Gar.)	KZ	2	1P	Z	z
F7PBLZTXL	Basics of Toxicology Daniela Obítková, Zdeněk Hon Daniela Obítková Zdeněk Hon (Gar.)	Z,ZK	3	1P+1S	Z	z

Number of semester: 6

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
F7PBLBP	Bachelor Thesis Lenka Fialová, Tomáš Hložek	Z	6	160ZP	L	z
F7PBLKGE	Clinical Genetics Antonín Šípek Antonín Šípek Antonín Šípek (Gar.)	Z,ZK	3	5P+5C	L	z
F7PBL LPB	Laboratory Practice - Biochemistry Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)	Z	2	40XH	L	z
F7PBL LPG	Laboratory Practice - Genetics and Molecular Biology Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)	Z	4	80XH	L	z
F7PBL LPHT	Laboratory Practice - Hematology and Transfusion Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)	Z	4	80XH	L	z
F7PBL LPPI	Laboratory Practice - Immunology Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)	Z	4	80XH	L	z
F7PBL LPMP	Laboratory Practice - Microbiology Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)	Z	2	40XH	L	z
F7PBLVMOVZ	Investigation Methods in Public Health Protection František Bílek V ra Adámková (Gar.)	Z,ZK	5	5P+15L	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
F7PBLAF1	Human Anatomy and Physiology I.	Z	5

F7PBLAF2	Human Anatomy and Physiology II.	Z,ZK	4
F7PBLBCH1	Biochemistry I.	Z,ZK	4
F7PBLBCH2	Biochemistry II.	Z,ZK	5
F7PBLBP	Bachelor Thesis	Z	6
F7PBLCHLV	General Chemistry and Basic Laboratory Calculations	Z,ZK	6
F7PBLEVZ	Ethics in Health Care	KZ	2
F7PBLFYZ	Physics	Z,ZK	4
F7PBLGEN	Genetics	Z,ZK	2
F7PBLHHT	Histology and Histological Techniques	Z,ZK	5
F7PBLHTS1	Hematology and Transfusion Service I.	Z	5
F7PBLHTS2	Hematology and Transfusion Service II.	Z,ZK	4
F7PBLILP	Individual Summer Practice (Biochemistry)	Z	4
F7PBLISZ	Information Systems in Health Care	Z,ZK	3
F7PBLKBCH1	Clinical Biochemistry I.	Z	4
F7PBLKBCH2	Clinical Biochemistry II.	Z,ZK	6
F7PBLKGE	Clinical Genetics	Z,ZK	3
F7PBLKIM	Clinical Immunology	Z,ZK	3
F7PBLKMB	Clinical Microbiology	Z,ZK	4
F7PBLLPB	Laboratory Practice - Biochemistry	Z	2
F7PBLLPG	Laboratory Practice - Genetics and Molecular Biology	Z	4
F7PBLLPHT	Laboratory Practice - Hematology and Transfusion	Z	4
F7PBLLPPI	Laboratory Practice - Immunology	Z	4
F7PBLLPM	Laboratory Practice - Microbiology	Z	2
F7PBLLPR	Laboratory practice-Hematology and Transfusions, Histology, Biochemistry, Microbiology, Immunology	Z	9
F7PBLLZP	Laboratory Medical Devices	Z,ZK	3
F7PBLMAZ	Management and Administration in Health Care	KZ	2
F7PBLMIM	Microscopic Methods	Z	2
F7PBLMOB	Molecular Biology	Z,ZK	5
F7PBLMVV	Methodology of Scientific Research	Z	2
F7PBLOATP	Professional English Terminology (Advanced)	Z	3
F7PBLOATZ	Professional English Terminology (Beginners)	Z	3
F7PBLOBC	Fundamentals of General Biology and Cytology	ZK	3
F7PBLOBM	Collection of Biological Material	Z	1
F7PBLOMB	General Microbiology	Z,ZK	4
F7PBLOPL	Laboratory Organization and Operation	Z	2
F7PBLPMS	Probability and Mathematical Statistics	KZ	4
F7PBLPPO	First Aid	KZ	2
F7PBLRAO	Radiation Protection	Z,ZK	1
F7PBLSBP	Bachelor Thesis Seminar	Z	1
F7PBLSL	Forensic Medicine	KZ	2
F7PBLSLP	Ideal Laboratory Practice	Z,ZK	3
F7PBLSMJ	Quality Management System in the Laboratory	Z	1
F7PBLVMOVZ	Investigation Methods in Public Health Protection	Z,ZK	5
F7PBLZACH	Fundamentals of Analytical Chemistry	Z,ZK	4
F7PBLZBF	Medical Biophysics	Z,ZK	3
F7PBLZF	Basics of Pharmacology and Radiopharmacology	ZK	2
F7PBLZHE	Basics of Hygiene and Epidemiology	KZ	2
F7PBLZII	Fundamentals of Immunology and Immunochemistry	Z,ZK	5
F7PBLZLT	Basics of Laboratory Techniques	Z	1
F7PBLZLZ	Exam Prep for working with Laboratory Animals	ZK	2
F7PBLZOD	Image Data Processing in Laboratory Diagnostics	Z	2
F7PBLZPA	Basics of Pathology	ZK	2
F7PBLZPK	Medical Psychology and Communication	Z	2
F7PBLZRF	Fundamentals of Radiobiology and Photobiology	Z,ZK	1
F7PBLZTXL	Basics of Toxicology	Z,ZK	3
F7PBLZVZ	Basics of Public Healthcare and Legislation in Healthcare	KZ	1

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

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