

## 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**

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	<b>Human Anatomy and Physiology I.</b> Martina Nedbalová <b>Martina Nedbalová</b>	Z	5	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
F7PBLEVZ	<b>Ethics in Health Care</b> Tibor Bre ka <b>Tibor Bre ka</b> Tibor Bre ka (Gar.)	KZ	2	2P	Z	z
F7PBLFYZ	<b>Physics</b> Jana Urzová, Eva Urbánková, Jan Mikšovský, Petr Písa ík <b>Petr Písa ík</b> Jana Urzová (Gar.)	Z,ZK	4	2P+1C+1L	Z	z
F7PBLMAZ	<b>Management and Administration in Health Care</b> Ji í erný <b>Ji í erný</b> Ji í erný (Gar.)	KZ	2	1P	Z	z
F7PBLCHLV	<b>General Chemistry and Basic Laboratory Calculations</b> Miriám Hošková, Martina Turchichová <b>Miriám Hošková</b> Miriám Hošková (Gar.)	Z,ZK	6	2P+2C+2L	Z	z
F7PBLOBC	<b>Fundamentals of General Biology and Cytology</b> Ta ána Jarošíková <b>Ta ána Jarošíková</b> Ta ána Jarošíková (Gar.)	ZK	3	2P	Z	z
F7PBLZBF	<b>Medical Biophysics</b> Jozef Rosina, Jana Hudzietzová <b>Jozef Rosina</b> Jozef Rosina (Gar.)	Z,ZK	3	1P+1C	Z	z
F7PBLZPK	<b>Medical Psychology and Communication</b> Dana Rebeka Ralbovská, Monika Donevová <b>Monika Donevová</b> Dana Rebeka Ralbovská (Gar.)	Z	2	2P+1S	Z	z
F7PBLOATP	<b>Professional English Terminology (Advanced)</b> Eva Moty ková <b>Eva Moty ková</b> Eva Moty ková (Gar.)	Z	3	2S	Z	s
F7PBLOATZ	<b>Professional English Terminology (Beginners)</b> Eva Moty ková <b>Eva Moty ková</b> 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	<b>Human Anatomy and Physiology II.</b> Martina Nedbalová <b>Martina Nedbalová</b> Ivan Dylevský (Gar.)	Z,ZK	4	2P+2C	L	z
F7PBLBCH1	<b>Biochemistry I.</b> Martina Turchichová, Karel Kotaška, Iveta Horá ková <b>Iveta Horá ková</b> Martina Turchichová (Gar.)	Z,ZK	4	2P+2L	L	z
F7PBLILP	<b>Individual Summer Practice (Biochemistry)</b> Jana Hudzietzová, Daniela Obítková <b>Daniela Obítková</b> Daniela Obítková (Gar.)	Z	4	4XT	L	z
F7PBLMIM	<b>Microscopic Methods</b> Ta ána Jarošíková, Hana Kalábová <b>Ta ána Jarošíková</b> Ta ána Jarošíková (Gar.)	Z	2	1P+2L	L	z

F7PBLOMB	<b>General Microbiology</b> <i>Jan Bobek Jan Bobek Emil Pavlík (Gar.)</i>	Z,ZK	4	2P+2L	L	z
F7PBLOBM	<b>Collection of Biological Material</b> <i>Martina Dingová Šlíková Martina Dingová Šlíková Martina Dingová Šlíková (Gar.)</i>	Z	1	0.5C	L	z
F7PBLOPL	<b>Laboratory Organization and Operation</b> <i>Ond ej Pošta Ond ej Pošta Ond ej Pošta (Gar.)</i>	Z	2	1P+1L	L	z
F7PBLPPO	<b>First Aid</b> <i>Pavel Böhm Pavel Böhm Pavel Böhm (Gar.)</i>	KZ	2	1P+1C	L	z
F7PBLZACH	<b>Fundamentals of Analytical Chemistry</b> <i>Martina Turchichová, Iveta Horáková Iveta Horáková Martina Turchichová (Gar.)</i>	Z,ZK	4	2P+2L	L	z
F7PBLZLT	<b>Basics of Laboratory Techniques</b> <i>Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)</i>	Z	1	2L	L	z
F7PBLZRF	<b>Fundamentals of Radiobiology and Photobiology</b> <i>Jana Hudzietzová, Jaroslav Prcha, Leoš Navrátil Jana Hudzietzová</i>	Z,ZK	1	1P+1L	L	z
F7PBLZVZ	<b>Basics of Public Healthcare and Legislation in Healthcare</b> <i>Jan B íza Jan B íza Jan B íza (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	<b>Biochemistry II.</b> <i>Lenka Fialová Daniela Obítková Lenka Fialová (Gar.)</i>	Z,ZK	5	2P+2L	Z	z
F7PBLHTS1	<b>Hematology and Transfusion Service I.</b> <i>Dominik Kutá , Miloš Bohon k, Ludmila Landová Miloš Bohon k Miloš Bohon k (Gar.)</i>	Z	5	2P+3L	Z	z
F7PBLHHT	<b>Histology and Histological Techniques</b> <i>Jana Hudzietzová, Ji í Uhlík, Richard Becke Richard Becke Ji í Uhlík (Gar.)</i>	Z,ZK	5	2P+3L	Z	z
F7PBLKMB	<b>Clinical Microbiology</b> <i>Jan Bobek, Emil Pavlík Jan Bobek Emil Pavlík (Gar.)</i>	Z,ZK	4	2P+2L	Z	z
F7PBLZLF	<b>Basics of Pharmacology and Radiopharmacology</b> <i>Jana Hudzietzová, Eva Jandová Jana Hudzietzová Jana Hudzietzová (Gar.)</i>	ZK	2	2P	Z	z
F7PBLZII	<b>Fundamentals of Immunology and Immunochemistry</b> <i>Ta ána Jarošíková, Romana Šíroková Ta ána Jarošíková Ta ána Jarošíková (Gar.)</i>	Z,ZK	5	2P+2L	Z	z
F7PBLZPA	<b>Basics of Pathology</b> <i>Miloš Sokol Ivan Dylevský Ivan Dylevský (Gar.)</i>	ZK	2	2P	Z	z
F7PBLZOD	<b>Image Data Processing in Laboratory Diagnostics</b> <i>Zoltán Szabó, Michal Reimer 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	<b>Genetics</b> <i>Ta ána Jarošíková, Hana Kalábová Ta ána Jarošíková Ta ána Jarošíková (Gar.)</i>	Z,ZK	2	2P+2C	L	z
F7PBLHTS2	<b>Hematology and Transfusion Service II.</b> <i>Miloš Bohon k Miloš Bohon k Miloš Bohon k (Gar.)</i>	Z,ZK	4	2P+3L	L	z
F7PBLKBCH1	<b>Clinical Biochemistry I.</b> <i>Daniela Obítková, Lenka Fialová, Jaroslav Racek Daniela Obítková Jaroslav Racek (Gar.)</i>	Z	4	2P+2L	L	z
F7PBLKIM	<b>Clinical Immunology</b> <i>Ji í Hrdý Ji í Hrdý Ji í Hrdý (Gar.)</i>	Z,ZK	3	2P+2L	L	z
F7PBLPR	<b>Laboratory practice-Hematology and Transfusions, Histology, Biochemistry, Microbiology, Immunology</b> <i>Jana Hudzietzová, Daniela Obítková Daniela Obítková Daniela Obítková (Gar.)</i>	Z	9	40XD	L	z
F7PBLRAO	<b>Radiation Protection</b> <i>Jana Hudzietzová Jana Hudzietzová Jana Hudzietzová (Gar.)</i>	Z,ZK	1	1P+1C	L	z
F7PBLSBP	<b>Bachelor Thesis Seminar</b> <i>Monika Donevová Monika Donevová Monika Donevová (Gar.)</i>	Z	1	1S	L	z
F7PBLSLP	<b>Ideal Laboratory Practice</b> <i>Emil Pavlík Emil Pavlík Emil Pavlík (Gar.)</i>	Z,ZK	3	1P+2S	L	z
F7PBLSMJ	<b>Quality Management System in the Laboratory</b> <i>Vojt ch Kamenský, Peter Kneppo Vojt ch Kamenský</i>	Z	1	1P+1S	L	z
F7PBLZHE	<b>Basics of Hygiene and Epidemiology</b> <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	<b>Information Systems in Health Care</b> Zoltán Szabó, Dagmar Brechlerová, Anna Horáková, David Jirsa, Martin Bejtic, Tomáš Krajča, Christiane Malá <b>Anna Horáková</b> Zoltán Szabó (Gar.)	Z,ZK	3	2P+2C	Z	z
F7PBLKBCH2	<b>Clinical Biochemistry II.</b> Daniela Obítková, Jaroslav Racek, Pavla Bojarová <b>Pavla Bojarová</b> Jaroslav Racek (Gar.)	Z,ZK	6	2P+2L	Z	z
F7PBL LZP	<b>Laboratory Medical Devices</b> Martina Turchichová, Stanislav Gajdoš <b>Kateřina Dunovská</b> Martina Turchichová (Gar.)	Z,ZK	3	2P+2L	Z	z
F7PBLMVV	<b>Methodology of Scientific Research</b> Leoš Navrátil <b>Leoš Navrátil</b> Leoš Navrátil (Gar.)	Z	2	1P	Z	z
F7PBLMOB	<b>Molecular Biology</b> Tařána Jaroříková, Leontýna Varvaovská <b>Tařána Jaroříková</b> Tařána Jaroříková (Gar.)	Z,ZK	5	2P+2L	Z	z
F7PBLPMS	<b>Probability and Mathematical Statistics</b> Marek Piorecký, Filip ěrný <b>Filip ěrný</b> Marek Piorecký (Gar.)	KZ	4	1P+2C	Z	z
F7PBLZLZ	<b>Exam Prep for working with Laboratory Animals</b> Milada řírová <b>Milada řírová</b> (Gar.)	ZK	2	1P	Z	z
F7PBLSL	<b>Forensic Medicine</b> Miloř Sokol <b>Miloř Sokol</b> Miloř Sokol (Gar.)	KZ	2	1P	Z	z
F7PBLZTXL	<b>Basics of Toxicology</b> Daniela Obítková, Zdeněk Hon <b>Daniela Obítková</b> 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	<b>Bachelor Thesis</b> Tomáš Hložek	Z	6	160ZP	L	z
F7PBLKGE	<b>Clinical Genetics</b> Emil Kormuth, Jaroslav Kotlas <b>Emil Kormuth</b> Emil Kormuth (Gar.)	Z,ZK	3	5P+5C	L	z
F7PBL LPB	<b>Laboratory Practice - Biochemistry</b> Jana Hudzietzová, Daniela Obítková <b>Daniela Obítková</b> Daniela Obítková (Gar.)	Z	2	40XH	L	z
F7PBL LPG	<b>Laboratory Practice - Genetics and Molecular Biology</b> Jana Hudzietzová, Daniela Obítková <b>Daniela Obítková</b> Daniela Obítková (Gar.)	Z	4	80XH	L	z
F7PBL PHT	<b>Laboratory Practice - Hematology and Transfusion</b> Jana Hudzietzová, Daniela Obítková <b>Daniela Obítková</b> Daniela Obítková (Gar.)	Z	4	80XH	L	z
F7PBL LPI	<b>Laboratory Practice - Immunology</b> Jana Hudzietzová, Daniela Obítková <b>Daniela Obítková</b> Daniela Obítková (Gar.)	Z	4	80XH	L	z
F7PBL LPM	<b>Laboratory Practice - Microbiology</b> Jana Hudzietzová, Daniela Obítková <b>Daniela Obítková</b> Daniela Obítková (Gar.)	Z	2	40XH	L	z
F7PBLVMOVZ	<b>Investigation Methods in Public Health Protection</b> Magdalena Wantochová <b>Magdalena Wantochová</b> Věra 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
F7PBLZCF	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>

Generated: day 2023-12-10, time 11:44.