Register

1. Analytical writing and reading....2
2. Application of computer technology 1....4
3. Application of computer technology 2....5
4. Basics of educational sciences....6
5. Creation and presentation of final theses....7
6. Creation of teaching aids....8
7. Didactics of Primary Education....9
8. Didactics of technical vocational subjects 1....10
9. Didactics of technical vocational subjects 2....11
10. Didactics of technical vocational training 1....12
11. Didactics of technical vocational training 2....13
12. Differences in psychological development....14
13. Digital Technologies in School....15
14. Ergonomy....16
15. Final thesis seminar....17
16. General and developmental psychology....18
17. General didactics....19
18. Health protection at work in learning and field of study....20
19. Health protection in the work environment....21
20. History of technique....22
21. Inclusive Pedagogy....23
22. Informatics for teachers....24
23. Information Technologies....25
24. Key competences MOV of educational and study departments....26
25. Legislation of Occupational Health and Safety....27
26. Leisure time pedagogy and methodology leisure activities....28
27. Machines and devices for treatment wood and metal....29
28. Multimedia....30
29. Pedagogical measurements....31
30. Professional practice 1 (listening)....32
31. Professional practice 2 (output)....33
32. Psychology of creativity....34
33. Selected Topics of materials and technologies of wood....35
34. Selected topics of electrotechnics....36
35. Selected topics of machines and devices....37
36. Selected topics of materials and technologies - metals and non metals....38
37. Social psychology....39
38. Specialized terminology in learning and field of study....40
39. State exam. Bachelor thesis defense....41
40. Technique and environment....42
41. The methodology of research in vocational subjects....43
42. Theory of Education....44
43. Thesis Preparation....45
44. Unconventional technologies....46
45. Use of simulation programs....47
46. Work environment epidemiology and health risks....48
47. Working environment....49

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-fil-014 | **Course name:** Analytical writing and reading

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2., 4.

Level: I.

Prerequisites:

Course completion conditions:
The maximum number of points covering continual and final assessment is 100. Credits are assigned
to students who acquire a minimum of 65 points out of a possible 100.
a) continuous assessment:
continuous specialized tasks (0 - 40 points)
b) final assessment:
writing a final academic essay (0 - 60 points)

Learning objectives:
Students will be able:
1. To understand the specifics of an academic text with emphasis on the critical and analytical aspects.
2. To use basic strategies and techniques of critical reading and writing.
3. Knowledge of preparing, planning and writing academic texts.
4. To fulfil academic homework connected to academic reading and writing.

Brief outline of the course:
1. Author and reader – the teacher as reader, the student as author.
2. Logic and argumentation in writing and reading – consistency, contradiction, contrary and contradictory statements, the expressive strength of propositions.
3. Essay structure – basic features of structure.
4. Writing – how to select an essay topic, techniques for composing, outlining, succesive elaboration, conceptual note taking, research and composing, polishing the text.
5. Tactics for analytic writing and reading – definitions, distinctions, analysis, dilemmas, counterexamples, Reductio ad Absurdum.
6. Some constraints on content – the pursuit of truth, the use of authority, the burden of proof.

Recommended literature:
KATUŠČÁK, D. (2008): Ako písať záverečné a kvalifikačné práce. Nitra: Enigma.
STARŇOVÁ, K. (2001): Vedecké písanie. Ako písať akademické a vedecké texty. Osveta, Martin.
VYDRA, A. (2010): Akademické písanie. Trnavská univerzita v Trnave.

ZOUHAR, M. (2008): Základy logiky pre spoločenskovedné a humanitné odbory. Veda, Bratislava.

Language of instruction:
Slovak

Notes:student time load:
90 hrs., consisting of:
combined studies (L,S,C): 26 hrs.
writing of continuous tasks: 20 hrs.
library study: 15 hrs.
writing a final academic essay: 29 hrs.

Course assessment
The final number of assessed students: 15

A	B	C	D	E	FX(0)	FX(1)	n
0.0	0.0	33.33	33.33	33.33	0.0	0.0	0.0

Instructor: Mgr. Michal Šedík, PhD., univ. doc.

Last changed: 06.02.2024

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-102 | **Course name:** Application of computer technology 1

Type, extent and method of instruction:
Form of instruction: Practical
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 39s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 1.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 19

A	B	C	D	E	FX(0)	FX(1)
31.58	47.37	15.79	5.26	0.0	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc., Ing. Martin Kučerka, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-106 | **Course name:** Application of computer technology 2

Type, extent and method of instruction:
Form of instruction: Practical
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 507
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 2.

Level: I.

Prerequisites: KTE FPV/1e-xup-102/23

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 19

A	B	C	D	E	FX(0)	FX(1)
42.11	15.79	10.53	5.26	21.05	5.26	0.0

Instructor: Ing. Martin Kučerka, PhD., univ. doc., Mgr. Janka Ševčíková, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-ZEV-101 | **Course name:** Basics of educational sciences

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 2.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 222

A	B	C	D	E	FX(0)	FX(1)
2.25	14.86	27.03	27.93	21.17	3.15	3.6

Instructor: prof. PaedDr. Dana Hanesová, PhD., PhDr. Patrícia Zólyomiová, PhD., doc. PaedDr. Lenka Rovňanová, PhD., Mgr. Karina Zošáková, PhD., doc. Mgr. Lívia Nemcová, PhD.

Last changed: 08.02.2024

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-tpzp-101 | **Course name:** Creation and presentation of final theses

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 13 / 13
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1., 3., 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 27

A	B	C	D	E	FX(0)	FX(1)	n
22.22	25.93	25.93	14.81	11.11	0.0	0.0	0.0

Instructor: Mgr. Roman Hofreiter, PhD., univ. doc., doc. Mgr. M. A. Ivan Chorvát, CSc., Mgr. Ivan Souček, PhD.

Last changed: 07.02.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-109 | **Course name:** Creation of teaching aids

Type, extent and method of instruction:
Form of instruction: Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 12

A	B	C	D	E	FX(0)	FX(1)
75.0	0.0	25.0	0.0	0.0	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-DKP-221 | **Course name:** Didactics of Primary Education

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 69

A	B	C	D	E	FX(0)	FX(1)
15.94	26.09	24.64	17.39	13.04	2.9	0.0

Instructor: PaedDr. Monika Brozmanová, PhD., doc. PaedDr. Ivana Rochovská, PhD.

Last changed: 02.12.2021

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-111 | **Course name:** Didactics of technical vocational subjects 1

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 338
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 11

A	B	C	D	E	FX(0)	FX(1)
9.09	9.09	27.27	18.18	36.36	0.0	0.0

Instructor: PaedDr. Ľubomír Žáčok, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-115 | **Course name:** Didactics of technical vocational subjects 2

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 5.

Level: I.

Prerequisites: KTE FPV/1e-xup-111/24

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
20.0	60.0	0.0	20.0	0.0	0.0	0.0

Instructor: PaedDr. Ľubomír Žáčok, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-107 | **Course name:** Didactics of technical vocational training 1

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 19

A	B	C	D	E	FX(0)	FX(1)
26.32	26.32	15.79	21.05	10.53	0.0	0.0

Instructor: doc. PaedDr. Ján Stebila, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-110 | **Course name:** Didactics of technical vocational training 2

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 4.

Level: I.

Prerequisites: KTE FPV/1e-xup-107/24

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 11

A	B	C	D	E	FX(0)	FX(1)
9.09	18.18	45.45	27.27	0.0	0.0	0.0

Instructor: doc. PaedDr. Ján Stebila, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-POR-402 | **Course name:** Differences in psychological development

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 3

A	B	C	D	E	FX(0)	FX(1)
0.0	66.67	0.0	0.0	0.0	0.0	33.33

Instructor: PaedDr. Jana Stehlíková, PhD., doc. Mgr. Lenka Ďuricová, PhD.

Last changed: 03.02.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-che-607 | **Course name:** Digital Technologies in School

Type, extent and method of instruction:
Form of instruction: Lecture / Practical / Seminar / Laboratory practical
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 0 / 26 / 0 / 0
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 1

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	100.0

Instructor: doc. RNDr. Marek Skoršepa, PhD.

Last changed: 12.04.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-108 | **Course name:** Ergonomy

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 20

A	B	C	D	E	FX(0)	FX(1)
25.0	25.0	30.0	5.0	15.0	0.0	0.0

Instructor: prof. Ing. Alena Očkajová, PhD., Ing. Martin Kučerka, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-208 | **Course name:** Final thesis seminar

Type, extent and method of instruction:
Form of instruction: Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
40.0	40.0	20.0	0.0	0.0	0.0	0.0

Instructor: Ing. Martin Kučerka, PhD., univ. doc., Ing. Petra Kvasnová, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., doc. PaedDr. Ján Stebila, PhD., Mgr. Janka Ševčíková, PhD., PaedDr. Ľubomír Žáčok, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-VVP-401 | **Course name:** General and developmental psychology

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 1.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 253

A	B	C	D	E	FX(0)	FX(1)
1.58	10.28	20.16	29.64	30.83	0.79	6.72

Instructor: doc. PaedDr. Lucia Pašková, PhD., doc. Mgr. Lenka Ďuricová, PhD.

Last changed: 03.02.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-VDI-101 | **Course name:** General didactics

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 141

A	B	C	D	E	FX(0)	FX(1)
1.42	9.22	28.37	19.86	36.17	1.42	3.55

Instructor: doc. PaedDr. Lenka Rovňanová, PhD., Mgr. Karina Zošáková, PhD.

Last changed: 06.12.2021

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-112 | **Course name:** Health protection at work in learning and field of study

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 11

A	B	C	D	E	FX(0)	FX(1)
63.64	27.27	9.09	0.0	0.0	0.0	0.0

Instructor: prof. Ing. Alena Očkajová, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-207 | **Course name:** Health protection in the work environment

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 11

A	B	C	D	E	FX(0)	FX(1)
36.36	27.27	9.09	9.09	18.18	0.0	0.0

Instructor: doc. Ing. Marek Drímal, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-306 | **Course name:** History of technique

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 1.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 18

A	B	C	D	E	FX(0)	FX(1)
33.33	11.11	38.89	16.67	0.0	0.0	0.0

Instructor: doc. JUDr. Ing. Daniel Novák, CSc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-IPG-221 | **Course name:** Inclusive Pedagogy

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 13s / 13s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 132

A	B	C	D	E	FX(0)	FX(1)
0.76	12.12	23.48	30.3	18.94	13.64	0.76

Instructor: doc. Mgr. Mariana Cabanová, PhD., PhDr. Patrícia Zólyomiová, PhD.

Last changed: 02.12.2021

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-fyz-507 | **Course name:** Informatics for teachers

Type, extent and method of instruction:
Form of instruction: Lecture / Practical / Seminar / Laboratory practical
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 0 / 26 / 0 / 0
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 122

A	B	C	D	E	FX(0)	FX(1)
62.3	21.31	9.02	6.56	0.0	0.82	0.0

Instructor: doc. PaedDr. Miriam Spodniaková Pfefferová, PhD.

Last changed: 12.04.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-203 | **Course name:** Information Technologies

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 12

A	B	C	D	E	FX(0)	FX(1)
58.33	16.67	8.33	0.0	16.67	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-103	**Course name:** Key competences MOV of educational and study departments

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 1.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 19

A	B	C	D	E	FX(0)	FX(1)
10.53	63.16	15.79	10.53	0.0	0.0	0.0

Instructor: doc. PaedDr. Ján Stebila, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-101 | **Course name:** Legislation of Occupational Health and Safety

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 1.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 27

A	B	C	D	E	FX(0)	FX(1)
29.63	33.33	18.52	3.7	14.81	0.0	0.0

Instructor: prof. Ing. Alena Očkajová, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-PVC-102 | **Course name:** Leisure time pedagogy and methodology leisure activities

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 13s / 13s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 68

A	B	C	D	E	FX(0)	FX(1)
72.06	17.65	4.41	1.47	2.94	0.0	1.47

Instructor: doc. Mgr. Lívia Nemcová, PhD.

Last changed: 06.12.2021

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-307 | **Course name:** Machines and devices for treatment wood and metal

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 130
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: Ing. Martin Kučerka, PhD., univ. doc.

Last changed:

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-105 | **Course name:** Multimedia

Type, extent and method of instruction:
Form of instruction: Practical / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 13s / 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 2.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 19

A	B	C	D	E	FX(0)	FX(1)
42.11	26.32	15.79	5.26	5.26	5.26	0.0

Instructor: Mgr. Rudolf Kubík

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-119 | **Course name:** Pedagogical measurements

Type, extent and method of instruction:
Form of instruction: Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 6.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
20.0	80.0	0.0	0.0	0.0	0.0	0.0

Instructor: PaedDr. Ľubomír Žáčok, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-113 | **Course name:** Professional practice 1 (listening)

Type, extent and method of instruction:
Form of instruction: Practical
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 4s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 11

A	B	C	D	E	FX(0)	FX(1)
36.36	9.09	54.55	0.0	0.0	0.0	0.0

Instructor: doc. PaedDr. Ján Stebila, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-117 | **Course name:** Professional practice 2 (output)

Type, extent and method of instruction:
Form of instruction: Practical
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
0.0	40.0	40.0	20.0	0.0	0.0	0.0

Instructor: doc. PaedDr. Ján Stebila, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-KRE-402 | **Course name:** Psychology of creativity

Type, extent and method of instruction:
Form of instruction: Practical
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 2.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 129

A	B	C	D	E	FX(0)	FX(1)
72.87	5.43	8.53	4.65	5.43	2.33	0.78

Instructor: doc. PaedDr. Lucia Pašková, PhD.

Last changed: 03.02.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-201 | **Course name:** Selected Topics of materials and technologies of wood

Type, extent and method of instruction:
Form of instruction: Lecture / Practical
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 1.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 27

A	B	C	D	E	FX(0)	FX(1)
25.93	14.81	11.11	11.11	37.04	0.0	0.0

Instructor: Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-205 | **Course name:** Selected topics of electrotechnics

Type, extent and method of instruction:
Form of instruction: Lecture / Practical / Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 338 / 338 / 26
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 11

A	B	C	D	E	FX(0)	FX(1)
27.27	9.09	18.18	0.0	45.45	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc., doc. JUDr. Ing. Daniel Novák, CSc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-304 | **Course name:** Selected topics of machines and devices

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 130
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 4

A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-202	**Course name:** Selected topics of materials and technologies - metals and non metals

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 2.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 18

A	B	C	D	E	FX(0)	FX(1)
33.33	16.67	16.67	16.67	16.67	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-SOP-401 | **Course name:** Social psychology

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 197

A	B	C	D	E	FX(0)	FX(1)
3.05	9.14	18.78	27.92	34.01	5.08	2.03

Instructor: PhDr. Beáta Žitniaková Gurgová, PhD., PaedDr. Jana Stehlíková, PhD.

Last changed: 03.02.2022

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-118 | **Course name:** Specialized terminology in learning and field of study

Type, extent and method of instruction:
Form of instruction: Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 6

Recommended semester/trimester: 6.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
80.0	0.0	0.0	0.0	20.0	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc., doc. PaedDr. Ján Stebila, PhD., PaedDr. Ľubomír Žáčok, PhD., univ. doc., doc. JUDr. Ing. Daniel Novák, CSc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-120 | **Course name:** State exam. Bachelor thesis defense

Type, extent and method of instruction:
Form of instruction:
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods:
Method of study: combined

Number of credits: 10

Recommended semester/trimester: 5., 6..

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 4

A	B	C	D	E	FX(0)	FX(1)
75.0	0.0	0.0	0.0	25.0	0.0	0.0

Instructor:

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-206 | **Course name:** Technique and environment

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 17

A	B	C	D	E	FX(0)	FX(1)
11.76	11.76	29.41	23.53	23.53	0.0	0.0

Instructor: Mgr. Janka Ševčíková, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-116 | **Course name:** The methodology of research in vocational subjects

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
0.0	80.0	0.0	0.0	20.0	0.0	0.0

Instructor: PaedDr. Ľubomír Žáčok, PhD., univ. doc., doc. JUDr. Ing. Daniel Novák, CSc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-TVV-221 | **Course name:** Theory of Education

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 4

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 72

A	B	C	D	E	FX(0)	FX(1)
52.78	13.89	15.28	9.72	4.17	1.39	2.78

Instructor: PaedDr. Monika Brozmanová, PhD., doc. PaedDr. Ivana Rochovská, PhD., doc. PaedDr. Milena Lipnická, PhD.

Last changed: 02.12.2021

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-che-505 | **Course name:** Thesis Preparation

Type, extent and method of instruction:
Form of instruction: Lecture / Practical / Seminar / Laboratory practical
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26 / 0 / 0 / 0
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 39

A	B	C	D	E	FX(0)	FX(1)
20.51	20.51	17.95	25.64	15.38	0.0	0.0

Instructor: doc. RNDr. Marek Skoršepa, PhD.

Last changed: 25.09.2019

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-204 | **Course name:** Unconventional technologies

Type, extent and method of instruction:
Form of instruction: Lecture
Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s
Method of study: combined

Number of credits: 3

Recommended semester/trimester: 3.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 12

A	B	C	D	E	FX(0)	FX(1)
66.67	8.33	16.67	8.33	0.0	0.0	0.0

Instructor: Ing. Petra Kvasnová, PhD., univ. doc.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-301 | **Course name:** Use of simulation programs

Type, extent and method of instruction:
Form of instruction: Practical
Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 130
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 4.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 0

A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Instructor: Mgr. Rudolf Kubík

Last changed:

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-114 | **Course name:** Work environment epidemiology and health risks

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 13s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 5.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 5

A	B	C	D	E	FX(0)	FX(1)
40.0	20.0	20.0	0.0	20.0	0.0	0.0

Instructor: doc. Ing. Marek Drímal, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.

Course Description

University: Matej Bel University in Banská Bystrica

Faculty: Faculty of Natural Sciences

Code: 1e-xup-104 | **Course name:** Working environment

Type, extent and method of instruction:
Form of instruction: Lecture / Seminar
Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses)
Recommended number of periods: 26s / 26s
Method of study: combined

Number of credits: 5

Recommended semester/trimester: 2.

Level: I.

Prerequisites:

Course completion conditions:

Learning objectives:

Brief outline of the course:

Recommended literature:

Language of instruction:

Notes:student time load:

Course assessment
The final number of assessed students: 20

A	B	C	D	E	FX(0)	FX(1)
25.0	30.0	5.0	10.0	25.0	5.0	0.0

Instructor: prof. Ing. Alena Očkajová, PhD.

Last changed: 11.09.2025

Approved by: Zuzana Gejdošová, Ing. Martin Kučerka, PhD., univ. doc., prof. Ing. Alena Očkajová, PhD., Ing. Petra Kvasnová, PhD., univ. doc.