

## Course descriptions

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## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |
| <b>Course ID:</b><br>FaF/468-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>Active Participation in the Scientific Events 3 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the program of scientific events (in which he / she is an active participant) to the supervisor, which is also evidenced by confirmations of the organizers of scientific events about active performance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor has demonstrated the ability to work scientifically, ie to create scientific texts that meet the criteria of expertise, scientific and methodological relevance and then present these texts to the audience at a scientific event (conference, scientific seminar, congress).                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure participation in a scientific event (conference, scientific seminar, congress), at which he / she will actively present and present the results of his / her own scientific activity.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student presents it only once, while the translation of the content of the original scientific text is not considered as another original scientific text and it is inadmissible for the doctoral student to present it repeatedly. |                                                                         |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |
| <b>Languages necessary to complete the course:</b><br>the language in which the conference is organized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                         |

|                                                                                                                                                                          |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |
| <b>Course ID:</b><br>FaF/469-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>Active Participation in the Scientific Events 4 |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the program of scientific events (in which he / she is an active participant) to the supervisor, which is also evidenced by confirmations of the organizers of scientific events about active performance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor has demonstrated the ability to work scientifically, ie to create scientific texts that meet the criteria of expertise, scientific and methodological relevance and then present these texts to the audience at a scientific event (conference, scientific seminar, congress).                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure participation in a scientific event (conference, scientific seminar, congress), at which he / she will actively present and present the results of his / her own scientific activity.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student presents it only once, while the translation of the content of the original scientific text is not considered as another original scientific text and it is inadmissible for the doctoral student to present it repeatedly. |                                                                         |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |
| <b>Languages necessary to complete the course:</b><br>the language in which the conference is organized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                         |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                             |
| <b>Course ID:</b><br>FaF/953-PhD-A/25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course title:</b><br>Basics of Didactics |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                             |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |
| <b>Course requirements:</b><br>- active participation in seminars<br>- final test<br>To pass successfully the course, the student must achieve at least 60%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |
| <b>Learning outcomes:</b><br>After completing the seminars, the student will understand the principles of teaching and learning and gain knowledge of didactics, a pedagogical discipline whose subject of study is the teaching process. It deals with several areas related to teaching: the content and scope, methods, principles, and forms of teaching, and the interaction between the teacher and the student.                                                                                                                                                                                                                                         |                                             |
| <b>Class syllabus:</b><br>The course "Basics of Didactics" is suitable for doctoral students involved in the teaching process during their studies or who would like to pursue a teaching career in the future. The following topics are covered:<br>1. Basic definitions of the teaching process 8. Organizational forms of education<br>2. Goals of the teaching process 9. Diagnosis and evaluation of student knowledge<br>3. Taxonomy of educational objectives 10. Didactic test<br>4. Content of university education 11. Preparation for teaching<br>5. Student competencies 12. Concepts of teaching<br>6. Teaching methods<br>7. Didactic principles |                                             |
| <b>Recommended literature:</b><br>G#TZ Klaus. Didactic Organization of Teaching and Learning Processes: A Textbook for Schools and Adult Education: Peter Lang GmbH, Internationaler Verlag der Wissenschaften, 2003                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                             |
| <b>Languages necessary to complete the course:</b><br>English – B2 level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                             |

|                                                        |       |
|--------------------------------------------------------|-------|
| <b>Past grade distribution</b>                         |       |
| Total number of evaluated students: 1                  |       |
| ABS                                                    | NEABS |
| 100,0                                                  | 0,0   |
| <b>Lecturers:</b> PaedDr. Viera Žufková, PhD.          |       |
| <b>Last change:</b> 07.08.2025                         |       |
| <b>Approved by:</b> prof. RNDr. Daniela Uhríková, CSc. |       |

## COURSE DESCRIPTION

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                      |                                        |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                    |                                        |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                  |                                        |
| <b>Course ID:</b><br>FaF/478-PhD-A/22                                                                                                                                                                                                                                                                                                                                                | <b>Course title:</b><br>Citation Other |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                    |                                        |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                          |                                        |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                |                                        |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                       |                                        |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                |                                        |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the sections (source cover, circulation letters with ISBN or ISSN, source content, paper), in which there is another citation of the doctoral student's scientific work such as SCI and SSCI.                                                                  |                                        |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of a supervisor has demonstrated the ability of quality scientific work and self-presentation.                                                                                                                                                                                                                  |                                        |
| <b>Class syllabus:</b><br>As part of his / her scientific work, the doctoral student establishes cooperation with scientific authorities of domestic and foreign origin and supports the promotion of the results of his / her own scientific publishing activity in the scientific area, while monitoring the citation of his / her outputs in other databases except SCI and SSCI. |                                        |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                           |                                        |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                               |                                        |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                 |                                        |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                              |                                        |
| ABS                                                                                                                                                                                                                                                                                                                                                                                  | NEABS                                  |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                  | 0,0                                    |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                    |                                        |
| <b>Last change:</b> 18.04.2022                                                                                                                                                                                                                                                                                                                                                       |                                        |

**Approved by:** prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.

## COURSE DESCRIPTION

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                  |                                            |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                |                                            |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                              |                                            |
| <b>Course ID:</b><br>FaF/477-PhD-A/22                                                                                                                                                                                                                                                                                                                                            | <b>Course title:</b><br>Citation SCI, SSCI |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                |                                            |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                                                                                      |                                            |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                            |                                            |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                   |                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                            |                                            |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with credit value after submitting the sections (source cover, circulation letters with ISBN or ISSN, source content, paper), which contains a citation of the doctoral student's scientific work defined as SCI and SSCI.                                                                      |                                            |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of a supervisor has demonstrated the ability of quality scientific work and self-presentation.                                                                                                                                                                                                              |                                            |
| <b>Class syllabus:</b><br>As part of his / her scientific work, the doctoral student establishes cooperation with scientific authorities of domestic and foreign origin and supports the promotion of the outputs of his / her own scientific publishing activity in the scientific area, while monitoring the citation response of his / her outputs in the relevant databases. |                                            |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                       |                                            |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                           |                                            |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                             |                                            |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                          |                                            |
| ABS                                                                                                                                                                                                                                                                                                                                                                              | NEABS                                      |
| 0,0                                                                                                                                                                                                                                                                                                                                                                              | 0,0                                        |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                |                                            |
| <b>Last change:</b> 18.04.2022                                                                                                                                                                                                                                                                                                                                                   |                                            |

**Approved by:** prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.

## COURSE DESCRIPTION

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                |                                                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                              |                                                                                             |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                            |                                                                                             |
| <b>Course ID:</b><br>FaF/488-PhD-A/22                                                                                                                                                                                                          | <b>Course title:</b><br>Completing Other Subject of the Offer of Other University Faculties |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                              |                                                                                             |
| <b>Number of credits:</b> 0                                                                                                                                                                                                                    |                                                                                             |
| <b>Recommended semester:</b> 1., 2., 3., 4..                                                                                                                                                                                                   |                                                                                             |
| <b>Educational level:</b> III.                                                                                                                                                                                                                 |                                                                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                          |                                                                                             |
| <b>Course requirements:</b><br>Upon presentation of confirmation of completion of the course at another faculty of the university, the doctoral student is evaluated according to the specific credit evaluation of the course at the faculty. |                                                                                             |
| <b>Learning outcomes:</b><br>The doctoral student will gain knowledge of the subject at another faculty of the university.                                                                                                                     |                                                                                             |
| <b>Class syllabus:</b><br>The doctoral student will complete a designated subject at another faculty of the university at which he / she did not complete his / her second degree.                                                             |                                                                                             |
| <b>Recommended literature:</b><br>Current sources on the presented issues                                                                                                                                                                      |                                                                                             |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                         |                                                                                             |
| <b>Notes:</b>                                                                                                                                                                                                                                  |                                                                                             |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                        |                                                                                             |
| ABS                                                                                                                                                                                                                                            | NEABS                                                                                       |
| 0,0                                                                                                                                                                                                                                            | 0,0                                                                                         |
| <b>Lecturers:</b>                                                                                                                                                                                                                              |                                                                                             |
| <b>Last change:</b> 13.04.2022                                                                                                                                                                                                                 |                                                                                             |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.                                                                       |                                                                                             |

## COURSE DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                    |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    |
| <b>Course ID:</b><br>FaF/432-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>English Language and Foreign Language Exam |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                            |                                                                    |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                    |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                    |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    |
| <b>Course requirements:</b><br>The doctoral student will receive a credit value evaluation after successfully passing the foreign language exam (min. 60%).                                                                                                                                                                                                                                                                                                                                                                               |                                                                    |
| <b>Learning outcomes:</b><br>The doctoral student will gain knowledge of academic language preparation in English at a terminological and grammatical level.                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |
| <b>Class syllabus:</b><br>Demonstration of academic language competences at level B2 (according to the Common European Framework of Reference for Languages) in English in written and oral form.<br>Academic texts and tasks are focused on pharmacy practice, the role of pharmacist in contact with patient, description of basic laboratory equipment, knowledge of terminology of vitamins and minerals, first aid, hereditary factors, addictions, theoretical aspects of pharmacology and drug therapy and complementary medicine. |                                                                    |
| <b>Recommended literature:</b><br>English for Pharmacists I. – IV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                    |
| <b>Past grade distribution</b><br>Total number of evaluated students: 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                    |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NEABS                                                              |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,0                                                                |
| <b>Lecturers:</b> PhDr. Darina Kližanová, PaedDr. Viera Žufková, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    |
| <b>Last change:</b> 07.06.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                    |

**Approved by:** prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                       |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                       |
| <b>Course ID:</b><br>FaF/470-PhD-A/21                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>Individual Study of the Scientific Literature |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                         |                                                                       |
| <b>Number of credits:</b> 2                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                       |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting a written version thematically corresponding to the topic of the dissertation, research, theoretical introduction or project to the supervisor, the doctoral student obtains the evaluation completed with a credit value. The supervisor provides the evaluation to the doctoral student by making an entry into the AIS and in the study records. |                                                                       |
| <b>Learning outcomes:</b><br>The doctoral student under the guidance of the supervisor will demonstrate the ability to develop a search, theoretical introduction or project that thematically corresponds to the topic of the dissertation.                                                                                                                                                                                                                              |                                                                       |
| <b>Class syllabus:</b><br>1. The doctoral student prepares a research, theoretical introduction or project corresponding to the main topic of the dissertation under the guidance of the supervisor 2. The doctoral student presents a case study corresponding to the main topic of the dissertation in the presence of the supervisor                                                                                                                                   |                                                                       |
| <b>Recommended literature:</b><br>Current sources on the studied issues.                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                       |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |
| <b>Notes:</b><br>Lecturer: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 7                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                       |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NEABS                                                                 |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,0                                                                   |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                       |

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| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |
| <b>Course ID:</b><br>FaF/455-PhD/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Course title:</b><br>Introduction to Scientific Research |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week: 1 per level/semester: 14</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             |
| <b>Course requirements:</b><br>- active participation in seminars – seminar work (40%) - final test (60%). The student must achieve at least 60% of the total assessment to complete the course.<br>Scale of assessment (preliminary/final): 40/60                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             |
| <b>Learning outcomes:</b><br>After completing the seminars, the students can formulate their ideas, search for arguments, and conduct scientific interviews. They will learn to deal with evidence, be creative, inform, analyse, and understand the meaning of scientific research.                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |
| <b>Class syllabus:</b><br>The focus covers the following areas of scientific research and education: <ul style="list-style-type: none"> <li>- University education</li> <li>- Doctoral studies and PhD degree.</li> <li>- Science, research and observation</li> <li>- Selection of a scientific problem</li> <li>- Scientific research and experience</li> <li>- Experiment and experimenter</li> <li>- The meaning of scientific research</li> <li>- Scientific problem and its solution</li> <li>- Objectives and methods of scientific research</li> <li>- From observation to experiment</li> <li>- Ethics in scientific work</li> <li>- Science, pharmacy and clinical monitoring</li> </ul> |                                                             |
| <b>Recommended literature:</b><br>Hulín I., Ostatníková D. et al. O vedeckom bádání v medicíne, Bratislava, AEPress 2014, p. 240.<br>Bielik L. Methodology of Science an Introduction, Bratislava, Comenius University in Bratislava, 2019, p. 232.                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |
| <b>Languages necessary to complete the course:</b><br>Slovak language, English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |

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| <b>Notes:</b>                                                                                                                                                                                                                               |       |
| <b>Past grade distribution</b>                                                                                                                                                                                                              |       |
| Total number of evaluated students: 39                                                                                                                                                                                                      |       |
| ABS                                                                                                                                                                                                                                         | NEABS |
| 100,0                                                                                                                                                                                                                                       | 0,0   |
| <b>Lecturers:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, doc. PharmDr. Miloš Lukáč, PhD., prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD., prof. RNDr. Daniela Uhríková, CSc. |       |
| <b>Last change:</b> 07.06.2022                                                                                                                                                                                                              |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.                                                                    |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                            |                                                                                |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                |
| <b>Course ID:</b><br>FaF/454-PhD/21                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course title:</b><br>Introduction to Scientific Writing in English Language |
| <b>Educational activities:</b><br><b>Type of activities:</b> seminar<br><b>Number of hours:</b><br><b>per week: 1 per level/semester: 14</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                               |                                                                                |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |
| <b>Course requirements:</b><br>- active participation in seminars - midterm test (15%) - final test (85%). The student must achieve at least 60% of the total assessment to complete the course.<br>Scale of assessment (preliminary/final): 15/85                                                                                                                                                                           |                                                                                |
| <b>Learning outcomes:</b><br>After completing the seminars, the students can formulate their ideas, search for arguments, and conduct scientific interviews through academic writing. They will learn to deal with evidence, be creative, inform, analyse, use professional terminology if necessary.                                                                                                                        |                                                                                |
| <b>Class syllabus:</b><br>The seminars follow the deepening of communicative skills and the acquisition of specific terminology. In addition to selected texts from textbooks, texts from promotional materials, manuals and magazines are used. The following topics are covered: writing professional articles, reports, interviews, lectures, emails, creating abstracts and summaries, presentations on assigned topics. |                                                                                |
| <b>Recommended literature:</b><br>Rejharová, V.: Letter – Writer. Praha: Academia, 1972,<br>Bates, M., Dudley, T.: Nucleus: General Science. London: Longman, 1992, Havlíčková, I., Dostálová, Š., Katerová, Z.: English for Pharmacy and Medical Bioanalytics. Karolinum Press, 2014, James, V. D.: Medicine. London: Prentice Hall, 1989                                                                                   |                                                                                |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                       |                                                                                |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
| <b>Past grade distribution</b><br>Total number of evaluated students: 31                                                                                                                                                                                                                                                                                                                                                     |                                                                                |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                          | NEABS                                                                          |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,0                                                                            |
| <b>Lecturers:</b> PaedDr. Viera Žufková, PhD.                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |

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| <b>Last change:</b> 07.06.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                    |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                    |
| <b>Course ID:</b><br>FaF/473-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>Obtaining the "Grant FaF UK for Young Scientists" (Principal Investigator) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |
| <b>Number of credits:</b> 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                    |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                    |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                    |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                    |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the acquisition of the grant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                    |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor demonstrated the ability to create, implement and administer a scientific project for young people.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                    |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, will develop and submit a research project registered by the Faculty of Pharmacy Comenius University Bratislava. In the submitted author's project, the doctoral student appears as a principal investigator.<br>2. The doctoral student is obliged to inform the head of the department about the submitted project.<br>3. The doctoral student respects and complies with the currently valid Directive on the approval, registration and archiving of grant projects at Faculty of Pharmacy Comenius University Bratislava. |                                                                                                    |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                    |
| <b>Languages necessary to complete the course:</b><br>Slovak language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                    |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                    |
| <b>Past grade distribution</b><br>Total number of evaluated students: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                    |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NEABS                                                                                              |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,0                                                                                                |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                    |

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| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                      |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                      |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
| <b>Course ID:</b><br>FaF/474-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Course title:</b><br>Obtaining the "Grant FaF UK for Young Scientists" (Co-investigator of Grant) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                      |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                      |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                      |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                      |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                      |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the acquisition of the grant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor demonstrated the ability to participate in the creation, implementation and administration of a scientific project for young people.                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                      |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, co-authored in the elaboration and submission of a scientific project registered at Faculty of Pharmacy Comenius University Bratislava. The doctoral student appears as a co-investigator in the submitted author's project.<br>2. The doctoral student is obliged to inform the head of the department about the submitted project.<br>3. The doctoral student respects and complies with the currently valid Directive on the approval, registration and archiving of grant projects at Faculty of Pharmacy Comenius University Bratislava. |                                                                                                      |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                      |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                      |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                      |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                      |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NEABS                                                                                                |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,0                                                                                                  |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                      |

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| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                           |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                           |
| <b>Course ID:</b><br>FaF/472-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Course title:</b><br>Obtaining the "University Grant for Young Researchers" (Co-investigator of Grant) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                           |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                           |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                           |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                           |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                           |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the acquisition of the grant.                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                           |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor demonstrated the ability to participate in the creation, implementation and administration of a scientific project for young people.                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                           |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, co-authored in the elaboration and submission of a scientific project registered at Comenius University Bratislava. The doctoral student appears as a co-investigator in the submitted author's project.<br>2. The doctoral student is obliged to inform the head of the department about the submitted project.<br>3. The doctoral student respects and complies with the currently valid Directive on the approval, registration and archiving of grant projects at Comenius University Bratislava. |                                                                                                           |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                           |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                           |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                           |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                           |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NEABS                                                                                                     |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,0                                                                                                       |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                           |

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| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                         |
| <b>Course ID:</b><br>FaF/471-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Obtaining the "University Grant for Young Researchers" (Principal Investigator) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                         |
| <b>Number of credits:</b> 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                         |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                         |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the acquisition of the grant.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                         |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor demonstrated the ability to create, implement and administer a scientific project for young people.                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                         |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, will develop and submit a research project registered by the Comenius University Bratislava. In the submitted author's project, the doctoral student appears as a principal investigator.<br>2. The doctoral student is obliged to inform the head of the department about the submitted project.<br>3. The doctoral student respects and complies with the currently valid Directive on the approval, registration and archiving of grant projects at Comenius University Bratislava. |                                                                                                         |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                         |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                         |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                         |
| <b>Past grade distribution</b><br>Total number of evaluated students: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                         |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NEABS                                                                                                   |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0,0                                                                                                     |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                         |

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| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                       |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                       |
| <b>Course ID:</b><br>FaF/476-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>Other Activities (eg. a Member of the Organizing Committee of the Conference) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                       |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                       |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                       |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                       |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with credit value after submitting an invitation to the conference (in which he is a member of the scientific conference organizing committee) and a separate published article on the successful implementation of the conference or a copy of the published summary of papers at the scientific event in the form of proceedings. source cover, circulation letters with ISBN or ISSN, source content, contribution), or the doctoral student obtains the rating completed with a credit value after submitting a confirmation from the head of the pharmacy about the completion of practice in a pharmacy. Completion of pharmacy practice is possible with the holder of a permit to provide pharmacy care, which is a legal entity, and which is also a university providing higher education in the field of pharmacy. The student can complete the subject even if he participates in an internship at a workplace that operates in the field of pharmacy or medicine. A student can be awarded a grade for having passed while representing the faculty at various events organized by the faculty or the university. |                                                                                                       |
| <b>Learning outcomes:</b><br>The doctoral student under the guidance of the supervisor will demonstrate the ability to prepare, organize and conduct a scientific conference, or the doctoral student under the guidance of a pharmacist or doctor demonstrates the ability to work professionally and scientifically in a pharmacy or in a workplace that operates in the field of pharmacy or medicine or the doctoral student demonstrates the ability to professionally and scientifically present studies and scientific activities carried out at the Faculty of Pharmacy of the Comenius University Bratislava.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                       |
| <b>Class syllabus:</b><br>The doctoral student shall actively participate in the preparation, organization and implementation of the conference in the position of chairman or member of the organizing committee of the scientific conference. 2. After the successful implementation of the conference, the doctoral student will prepare an article with photo documentation, which presents and promotes a scientific event in a journalistic, scientific periodical or proceedings. If a doctoral student completes an internship in a pharmacy, he actively participates in its operation and actively solves scientific questions related to the prescription and dispensing of medicines. If a doctoral student participates in an internship                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                       |

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| at a workplace that operates in the field of pharmacy or medicine, he actively solves professional and scientific topics that the workplace deals with. A doctoral student representing the faculty at events organized by the faculty or the university informs about the studies and scientific research activities carried out at the faculty. The student acquires skills in presenting professional topics. |       |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                       |       |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                           |       |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                             |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                          |       |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                              | NEABS |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                              | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                |       |
| <b>Last change:</b> 19.03.2024                                                                                                                                                                                                                                                                                                                                                                                   |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.                                                                                                                                                                                                                                         |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                         |
| <b>Course ID:</b><br>FaF/475-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Course title:</b><br>Participation in the Implementation of Another Research Project |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                         |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                         |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the participation in the grant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                         |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor has demonstrated the ability to create, implement and administer a scientific project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                         |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, collaborates as an author on the elaboration and submission of a scientific project registered by the Ministry of Education, Science, Research and Sport of the Slovak Republic. The doctoral student appears as a co-investigator in the submitted author's project. 2. The doctoral student has the obligation to inform the head of the department about the solution of partial tasks on the project. 3. The doctoral student respects and complies with the currently valid Directive on the approval, registration and archiving of grant projects at Comenius University Bratislava. |                                                                                         |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                         |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                         |
| <b>Past grade distribution</b><br>Total number of evaluated students: 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NEABS                                                                                   |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0,0                                                                                     |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |

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| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                             |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                             |
| <b>Course ID:</b><br>FaF/451-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Passing Prescribed Doctoral Lectures and Seminars 1 |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                             |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |
| <b>Recommended semester:</b> 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                             |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting a written version of the list of completed prescribed doctoral lectures and seminars, which thematically correspond to the topic of the dissertation and the subjects of the dissertation examination to the supervisor. The supervisor will give the evaluation to the doctoral student in the AIS and in the study report.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                             |
| <b>Learning outcomes:</b><br>Expansion and deepening of basic knowledge of doctoral students in scientific disciplines, which will be used in formulating hypotheses as a basis for the analytical part of the dissertation and in formulating conclusions for practice resulting from the results achieved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |
| <b>Class syllabus:</b><br>The doctoral student completes the designated lectures and seminar teaching in the range of subjects approved by the guarantor of the study program, from the offer of subjects for doctoral study. The choice of subjects depends on the flexibility of learning trajectories and the achievement of learning outcomes. There are topics to choose from: <ul style="list-style-type: none"> <li>- Analytical chemistry</li> <li>- Analytical monitoring of drug levels in practice</li> <li>- Inorganic chemistry</li> <li>- Applied biochemistry</li> <li>- Biochemistry</li> <li>- Pharmaceutical botany</li> <li>- Pharmaceutical chemistry</li> <li>- Pharmacognosy</li> <li>- Pharmacology</li> <li>- Pharmaceutical technology</li> <li>- Physical chemistry</li> <li>- Physiology</li> <li>- Immunology</li> <li>- Clinical pharmacy</li> </ul> |                                                                             |

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| <ul style="list-style-type: none"> <li>- Clinical pharmacology and pharmacotherapy</li> <li>- Retail pharmacy and social pharmacy</li> <li>- Molecular biology</li> <li>- Molecular biology of plants</li> <li>- Current trends in preparations of natural origin</li> <li>- Organic chemistry</li> <li>- Pathological physiology</li> <li>- Biological drug technology</li> <li>- Toxicology</li> <li>- Public health and pharmaceutical care</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| <b>Languages necessary to complete the course:</b><br>Slovak language, English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NEABS |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0,0   |
| <b>Lecturers:</b> doc. PharmDr. Szilvia Czigle, PhD., prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD., doc. PharmDr. Silvia Bittner Fialová, PhD., prof. Ing. Vladimír Frečer, DrSc., prof. Ing. Miroslav Habán, PhD., doc. PharmDr. Katarína Maráková, PhD., prof. Ing. Milan Nagy, CSc., doc. PharmDr. Juraj Piešťanský, PhD., doc. Mgr. Fils Andriamainty, PhD., PharmDr. Vladimír Garaj, PhD., Ing. Ladislav Habala, Dr.rer.nat, doc. PharmDr. Ivan Malík, PhD., doc. Ing. Martin Pisárčik, CSc., doc. PharmDr. Miroslava Sýkorová, PhD., doc. PharmDr. Marek Mátuš, PhD., PharmDr. Veronika Mikušová, PhD., doc. PharmDr. Daniela Mináriková, PhD., doc. PharmDr. Anna Paul Hrabovská, PhD., prof. PharmDr. Tomáš Tesař, PhD., MBA, RNDr. František Bilka, PhD., doc. Mgr. Andrea Bilková, PhD., PharmDr. Gabriel Dóka, PhD., doc. Mgr. Martina Hrčka Dubničková, PhD., doc. PharmDr. Peter Křenek, PhD., doc. PharmDr. Marek Obložinský, PhD., doc. PharmDr. Miloš Lukáč, PhD., RNDr. Alexander Búcsi, PhD., doc. RNDr. Jana Gallová, CSc., Mgr. Mária Klacsová, PhD., prof. RNDr. Daniela Uhríková, CSc., Dr.h.c. prof. RNDr. Jozef Čižmárik, PhD., prof. RNDr. Emil Havránek, PhD., Ing. Ľudmila Pašková, PhD., doc. RNDr. Miroslava Šupolíková, PhD., doc. Mgr. Peter Vavrínek, PhD., doc. PharmDr. Stanislava Kosírová, PhD., Mgr. Ondrej Sprušanský, PhD., doc. Mgr. Diana Vavrincová, PhD., PharmDr. Eva Kráľová, PhD., doc. PharmDr. Tomáš Rajtík, PhD. |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |
| <b>Approved by:</b> prof. PharmDr. Ján Klimas, PhD., MPH, prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                             |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                             |
| <b>Course ID:</b><br>FaF/452-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Passing Prescribed Doctoral Lectures and Seminars 2 |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                             |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |
| <b>Recommended semester:</b> 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                             |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting a written version of the list of completed prescribed doctoral lectures and seminars, which thematically correspond to the topic of the dissertation and the subjects of the dissertation examination to the supervisor. The supervisor will give the evaluation to the doctoral student in the AIS and in the study report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                             |
| <b>Learning outcomes:</b><br>Expansion and deepening of basic knowledge of doctoral students in scientific disciplines, which will be used in formulating hypotheses as a basis for the analytical part of the dissertation and in formulating conclusions for practice resulting from the results achieved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |
| <b>Class syllabus:</b><br>The doctoral student completes the designated lectures and seminar teaching in the range of subjects approved by the guarantor of the study program, from the offer of subjects for doctoral study. The choice of subjects depends on the flexibility of learning trajectories and the achievement of learning outcomes. There are topics to choose from: - Analytical chemistry - Analytical monitoring of drug levels in practice - Inorganic chemistry - Applied biochemistry - Biochemistry - Pharmaceutical botany - Pharmaceutical chemistry - Pharmacognosy - Pharmacology - Pharmaceutical technology - Physical chemistry - Physiology - Immunology - Clinical pharmacy - Clinical pharmacology and pharmacotherapy - Retail pharmacy and social pharmacy - Molecular biology - Molecular biology of plants - Current trends in preparations of natural origin - Organic chemistry - Pathological physiology - Biological drug technology - Toxicology - Public health and pharmaceutical care |                                                                             |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                             |
| <b>Languages necessary to complete the course:</b><br>Slovak language, English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                             |

| <b>Past grade distribution</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Total number of evaluated students: 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NEABS |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0,0   |
| <b>Lecturers:</b> RNDr. František Bilka, PhD., doc. Mgr. Andrea Bilková, PhD., doc. PharmDr. Marek Obložinský, PhD., Ing. Ludmila Pašková, PhD., doc. Mgr. Martina Hrčka Dubničková, PhD., prof. RNDr. Peter Mikuš, PhD., doc. PharmDr. Juraj Piešťanský, PhD., prof. RNDr. Emil Havránek, PhD., doc. PharmDr. Katarína Maráková, PhD., doc. PharmDr. Silvia Bittner Fialová, PhD., doc. PharmDr. Szilvia Czige, PhD., RNDr. Peter Gál, PhD., MBA, prof. Ing. Miroslav Habán, PhD., prof. PharmDr. Pavel Mučaji, PhD., prof. Ing. Milan Nagy, CSc., doc. Mgr. Fils Andriamainty, PhD., doc. PharmDr. Miroslava Sýkorová, PhD., Dr.h.c. prof. RNDr. Jozef Čižmárik, PhD., Ing. Jaroslav Galba, PhD., PharmDr. Vladimír Garaj, PhD., doc. PharmDr. Ivan Malík, PhD., prof. RNDr. Daniela Uhríková, CSc., RNDr. Alexander Búcsi, PhD., doc. RNDr. Jana Gallová, CSc., Mgr. Mária Klacsová, PhD., Mgr. Norbert Kučerka, DrSc., Mgr. Ondrej Sprušanský, PhD., doc. PharmDr. Marek Máťuš, PhD., doc. Mgr. Diana Vavrincová, PhD., doc. Mgr. Peter Vavrínek, PhD., doc. PharmDr. Anna Paul Hrabovská, PhD., prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, doc. PharmDr. Tomáš Rajtík, PhD., doc. PharmDr. Stanislava Kosírová, PhD., PharmDr. Eva Kráľová, PhD., doc. PharmDr. Peter Křenek, PhD., prof. Ing. Ferdinand Devínsky, DrSc., prof. RNDr. Magdaléna Kuželová, CSc., doc. RNDr. Miroslava Šupolíková, PhD., PharmDr. Veronika Mikušová, PhD., Ing. Ladislav Habala, Dr.rer.nat, doc. Ing. Martin Pisárčik, CSc., doc. PharmDr. Jindra Valentová, PhD., doc. PharmDr. Miloš Lukáč, PhD., doc. PharmDr. Daniela Mináriková, PhD., prof. PharmDr. Tomáš Tesař, PhD., MBA, prof. Ing. Vladimír Frečer, DrSc. |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |
| <b>Course ID:</b><br>FaF/453-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Passing Selected Doctoral Lectures and Seminars |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / seminar<br><b>Number of hours:</b><br><b>per week:</b> 1 / 2 <b>per level/semester:</b> 14 / 28<br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |
| <b>Recommended semester:</b> 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting a written version of the list of completed prescribed doctoral lectures and seminars, which thematically correspond to the topic of the dissertation and the subjects of the dissertation examination to the supervisor. The supervisor will give the evaluation to the doctoral student in the AIS and in the study report.                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                         |
| <b>Learning outcomes:</b><br>Expansion and deepening of knowledge of doctoral students in scientific disciplines, which will be used in formulating hypotheses as a basis for the analytical part of the dissertation and in formulating conclusions for practice resulting from the results achieved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         |
| <b>Class syllabus:</b><br>The doctoral student completes the designated lectures and seminar teaching in the range of subjects approved by the guarantor of the study program, from the offer of subjects for doctoral study. The choice of subjects depends on the flexibility of learning trajectories and the achievement of learning outcomes. There are topics to choose from: <ul style="list-style-type: none"> <li>- Analytical chemistry</li> <li>- Analytical monitoring of drug levels in practice</li> <li>- Inorganic chemistry</li> <li>- Applied biochemistry</li> <li>- Biochemistry</li> <li>- Pharmaceutical botany</li> <li>- Pharmaceutical chemistry</li> <li>- Pharmacognosy</li> <li>- Pharmacology</li> <li>- Pharmaceutical technology</li> <li>- Physical chemistry</li> <li>- Physiology</li> <li>- Immunology</li> <li>- Clinical pharmacy</li> </ul> |                                                                         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |
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| <ul style="list-style-type: none"> <li>- Clinical pharmacology and pharmacotherapy</li> <li>- Retail pharmacy and social pharmacy</li> <li>- Molecular biology</li> <li>- Molecular biology of plants</li> <li>- Current trends in preparations of natural origin</li> <li>- Organic chemistry</li> <li>- Pathological physiology</li> <li>- Biological drug technology</li> <li>- Toxicology</li> <li>- Public health and pharmaceutical care</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| <b>Languages necessary to complete the course:</b><br>Slovak language, English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
| <b>Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NEABS |
| 100,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,0   |
| <b>Lecturers:</b> RNDr. František Bilka, PhD., doc. Mgr. Andrea Bilková, PhD., doc. PharmDr. Marek Obložinský, PhD., Ing. Ľudmila Pašková, PhD., doc. Mgr. Martina Hrčka Dubničková, PhD., prof. RNDr. Peter Mikuš, PhD., doc. PharmDr. Juraj Piešťanský, PhD., prof. RNDr. Emil Havránek, PhD., doc. PharmDr. Katarína Maráková, PhD., doc. PharmDr. Silvia Bittner Fialová, PhD., doc. PharmDr. Szilvia Czigle, PhD., RNDr. Peter Gál, PhD., MBA, prof. Ing. Miroslav Habán, PhD., prof. PharmDr. Pavel Mučaji, PhD., prof. Ing. Milan Nagy, CSc., doc. Mgr. Fils Andriamainty, PhD., doc. PharmDr. Miroslava Sýkorová, PhD., Dr.h.c. prof. RNDr. Jozef Čižmárik, PhD., Ing. Jaroslav Galba, PhD., PharmDr. Vladimír Garaj, PhD., doc. PharmDr. Ivan Malík, PhD., prof. RNDr. Daniela Uhríková, CSc., RNDr. Alexander Búcsi, PhD., doc. RNDr. Jana Gallová, CSc., Mgr. Mária Klacsová, PhD., Mgr. Norbert Kučerka, DrSc., Mgr. Ondrej Sprušanský, PhD., doc. PharmDr. Marek Mátuš, PhD., doc. Mgr. Diana Vavrincová, PhD., doc. Mgr. Peter Vavrínek, PhD., PharmDr. Gabriel Dóka, PhD., doc. PharmDr. Anna Paul Hrabovská, PhD., prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, doc. PharmDr. Tomáš Rajtík, PhD., doc. PharmDr. Stanislava Kosírová, PhD., PharmDr. Eva Kráľová, PhD., doc. PharmDr. Peter Křenek, PhD., doc. RNDr. Miroslava Šupolíková, PhD., PharmDr. Veronika Mikušová, PhD., prof. Ing. Ferdinand Devínsky, DrSc., prof. RNDr. Magdaléna Kuželová, CSc., Ing. Ladislav Habala, Dr.rer.nat., doc. Ing. Martin Pisárčik, CSc., doc. PharmDr. Jindra Valentová, PhD., doc. PharmDr. Miloš Lukáč, PhD., doc. PharmDr. Daniela Mináriková, PhD., prof. PharmDr. Tomáš Tesař, PhD., MBA |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                               |
| <b>Course ID:</b><br>FaF/955-PhD-A/25                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Passing a long-term internship abroad |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 30d<br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                             |                                                               |
| <b>Number of credits:</b> 20                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8..                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting proof of completion of a foreign internship on the topic of the dissertation by the receiving institution lasting more than 30 days and a report from the foreign work trip.                                                                                                                                                                                |                                                               |
| <b>Learning outcomes:</b><br>The doctoral student, under the guidance of a supervisor and the person responsible for the doctoral student's stay at the receiving workplace, will demonstrate the ability to work professionally and scientifically in the team of the receiving workplace.                                                                                                                                                                                       |                                                               |
| <b>Class syllabus:</b><br>The doctoral student actively carries out professional and scientific activities at the receiving workplace. He acquires knowledge about new research methods, which he uses in solving the topic of his dissertation. He learns to interpret the obtained results and formulate conclusions from the results of professional activities and research he has carried out. The student acquires skills in presenting professional and scientific topics. |                                                               |
| <b>Recommended literature:</b><br>Current sources on the presented issue.                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
| <b>Languages necessary to complete the course:</b><br>English                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |
| <b>Notes:</b><br>Teachers: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NEABS                                                         |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,0                                                           |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |

|                                                        |
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| <b>Last change:</b> 07.08.2025                         |
| <b>Approved by:</b> prof. RNDr. Daniela Uhríková, CSc. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                |
| <b>Course ID:</b><br>FaF/954-PhD-A/25                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Course title:</b><br>Passing a short-term internship abroad |
| <b>Educational activities:</b><br><b>Type of activities:</b> practice<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 15d<br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                             |                                                                |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8..                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting proof of completion of a foreign internship on the topic of the dissertation by the receiving institution for a duration of 15-30 days and a report from the foreign work trip.                                                                                                                                                                             |                                                                |
| <b>Learning outcomes:</b><br>The doctoral student, under the guidance of a supervisor and the person responsible for the doctoral student's stay at the receiving workplace, will demonstrate the ability to work professionally and scientifically in the team of the receiving workplace.                                                                                                                                                                                       |                                                                |
| <b>Class syllabus:</b><br>The doctoral student actively carries out professional and scientific activities at the receiving workplace. He acquires knowledge about new research methods, which he uses in solving the topic of his dissertation. He learns to interpret the obtained results and formulate conclusions from the results of professional activities and research he has carried out. The student acquires skills in presenting professional and scientific topics. |                                                                |
| <b>Recommended literature:</b><br>Current sources on the presented issue.                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                |
| <b>Languages necessary to complete the course:</b><br>English                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                |
| <b>Notes:</b><br>Teachers: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NEABS                                                          |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,0                                                            |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |

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| <b>Last change:</b> 07.08.2025                         |
| <b>Approved by:</b> prof. RNDr. Daniela Uhríková, CSc. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                            |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                            |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |
| <b>Course ID:</b><br>FaF/479-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Course title:</b><br>Presentation at the Conference of Young Scientists |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                            |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                            |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting the program of scientific events (in which he appears as an active participant) to the supervisor, which is also evidenced by confirmations of the organizers of scientific events about active performance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                            |
| <b>Learning outcomes:</b><br>the doctoral student under the guidance of the supervisor has demonstrated the ability to work scientifically, ie to create scientific texts that meet the criteria of expertise, scientific and methodological relevance and then present these texts to the audience at a scientific event (presentation at the event is limited by age).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                            |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>expertise, scientific and methodological relevance.<br>2. The doctoral student will individually ensure participation in a scientific event for young researchers (conference, scientific seminar, congress), at which he / she will actively present the results of his / her own scientific activity.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student presents it only once, while the translation of the content of the original scientific text is not considered as another original scientific text and it is inadmissible for the doctoral student to present it repeatedly. |                                                                            |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |

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| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 2                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 100,0                                                                                                                                                                    | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |
| <b>Course ID:</b><br>FaF/465-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>Professional Publication in International or Domestic Journal |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
| <b>Number of credits:</b> 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                       |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |
| <b>Learning outcomes:</b><br>the doctoral student, under the guidance of the supervisor, demonstrates the ability to work scientifically, i. e. to create a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in a international or domestic professional peer-reviewed periodical.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text. |                                                                                       |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                       |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                       |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                       |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NEABS                                                                                 |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,0                                                                                   |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lecturers:</b>                                                                                                                                                        |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                               |
| <b>Course ID:</b><br>FaF/466-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Published Abstract in English from a Scientific Event |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |
| <b>Number of credits:</b> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                               |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                               |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                               |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting an abstract in English from a scientific event                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                               |
| <b>Learning outcomes:</b><br>the doctoral student under the supervision of a supervisor has demonstrated the ability to work scientifically, ie to create scientific texts in English that meet the criteria of expertise, scientific and methodological relevance and then publish these texts as an abstract in a book of abstracts from a scientific event (conference, scientific seminar, congress).                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               |
| <b>Class syllabus:</b><br>1. The doctoral student, in consultation with the supervisor, shall prepare scientific texts in English that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the sending of the scientific text to the organizers of the scientific event (conference, scientific seminar, congress), at which he / she will actively present the results of his / her own scientific activity.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student presents it only once, while the translation of the content of the original scientific text is not considered another original scientific text and it is inadmissible for the doctoral student to present it repeatedly to be. |                                                                               |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                               |
| <b>Languages necessary to complete the course:</b><br>English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                               |
| <b>Notes:</b><br>Teacher: provided by the supervisor<br>Recommended Study Semester: full length of study                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |

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| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 5                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 100,0                                                                                                                                                                    | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                               |                                                                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                             |                                                                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                           |                                                                                                                         |
| <b>Course ID:</b><br>FaF/467-PhD-A/21                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Reviewing the Manuscript of an Article Submitted to an Indexed Scientific Journal (Scopus, Wos) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                             |                                                                                                                         |
| <b>Number of credits:</b> 5                                                                                                                                                                                                                                                                                   |                                                                                                                         |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                         |                                                                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                |                                                                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                         |                                                                                                                         |
| <b>Course requirements:</b><br>The course is successfully completed if the doctoral student submits relevant evidence of elaboration of the review on the manuscript of the article (e-mail or other confirmation from the editors).                                                                          |                                                                                                                         |
| <b>Learning outcomes:</b><br>The doctoral student, under the guidance of a supervisor, has demonstrated the ability to review a professional text.                                                                                                                                                            |                                                                                                                         |
| <b>Class syllabus:</b><br>1. The doctoral student will critically evaluate the professionalism of the manuscript.<br>2. The doctoral student, after consultation with the supervisor, will prepare a review of manuscript.<br>3. The doctoral student will submit the review to the redaction of the journal. |                                                                                                                         |
| <b>Recommended literature:</b><br>Current sources on the presented issues.                                                                                                                                                                                                                                    |                                                                                                                         |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                        |                                                                                                                         |
| <b>Notes:</b><br>Lecturer: supervisor                                                                                                                                                                                                                                                                         |                                                                                                                         |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                       |                                                                                                                         |
| ABS                                                                                                                                                                                                                                                                                                           | NEABS                                                                                                                   |
| 0,0                                                                                                                                                                                                                                                                                                           | 0,0                                                                                                                     |
| <b>Lecturers:</b>                                                                                                                                                                                                                                                                                             |                                                                                                                         |
| <b>Last change:</b> 10.04.2022                                                                                                                                                                                                                                                                                |                                                                                                                         |

**Approved by:** prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                              |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |
| <b>Course ID:</b><br>FaF/460-PhD-A/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>The Original Publication in Current Contents Journal |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| <b>Number of credits:</b> 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                              |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |
| <b>Learning outcomes:</b><br>a doctoral student under the guidance of a supervisor demonstrates the ability to work scientifically, i. e. a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                              |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in a scientifically peer-reviewed periodical registered in the Current Contents database.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text. |                                                                              |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |
| <b>Notes:</b><br>Lecturer: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |
| <b>Past grade distribution</b><br>Total number of evaluated students: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NEABS                                                                        |
| 0,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0,0                                                                          |

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| <b>Lecturers:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD.   |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |
| <b>Course ID:</b><br>FaF/459-PhD-A/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Course title:</b><br>The Original Publication in Current Contents Journal – First Author |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |
| <b>Number of credits:</b> 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |
| <b>Learning outcomes:</b><br>a doctoral student under the guidance of a supervisor demonstrates the ability to work scientifically, i. e. a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in a scientifically peer-reviewed periodical registered in the Current Contents database.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text.<br>4. The doctoral student is the first author of the publication. |                                                                                             |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |
| <b>Notes:</b><br>Lecturer: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |

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| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                |
| <b>Course ID:</b><br>FaF/463-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Course title:</b><br>The Original Publication in non-Current Contents International or Domestic Journal Indexed in the SCOPUS Database (EPJ is Recommended) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                |
| <b>Number of credits:</b> 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                |
| <b>Learning outcomes:</b><br>a doctoral student under the guidance of a supervisor demonstrates the ability to work scientifically, i. e. a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in non current contents international or domestic journal indexed in the SCOPUS database (European Pharmaceutical Journal is recommended)<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text. |                                                                                                                                                                |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |

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| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                          |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                          |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                          |
| <b>Course ID:</b><br>FaF/462-PhD-A/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Course title:</b><br>The Original Publication in non-Current Contents Journal with IF (Impact Factor) |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                          |
| <b>Number of credits:</b> 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                          |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                          |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                          |
| <b>Learning outcomes:</b><br>a doctoral student under the guidance of a supervisor demonstrates the ability to work scientifically, i. e. a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                          |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in a scientifically peer-reviewed periodical with IF (impact factor).<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text. |                                                                                                          |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                          |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                          |
| <b>Notes:</b><br>Lecturer: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                         |
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| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                         |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                         |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                         |
| <b>Course ID:</b><br>FaF/461-PhD-A/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Course title:</b><br>The Original Publication in non-Current Contents Journal with IF (Impact Factor) - First Author |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                         |
| <b>Number of credits:</b> 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                         |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                         |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                         |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                         |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                         |
| <b>Learning outcomes:</b><br>a doctoral student under the guidance of a supervisor demonstrates the ability to work scientifically, i. e. a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in a scientifically peer-reviewed periodical with IF (impact factor).<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text.<br>4. The doctoral student is the first author of the publication. |                                                                                                                         |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                         |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                         |
| <b>Notes:</b><br>Lecturer: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                         |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |

## COURSE DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Academic year:</b> 2025/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                |
| <b>Faculty:</b> Faculty of Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                |
| <b>Course ID:</b><br>FaF/464-PhD-A/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Course title:</b><br>The Original Scientific Publication in non-Current Contents and non-Indexed International or Domestic Journal or Conference Proceeding |
| <b>Educational activities:</b><br><b>Type of activities:</b><br><b>Number of hours:</b><br><b>per week: per level/semester:</b><br><b>Form of the course:</b> on-site learning, distance learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                |
| <b>Number of credits:</b> 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                |
| <b>Recommended semester:</b> 1., 2., 3., 4., 5., 6., 7., 8., 9., 10..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |
| <b>Prerequisites:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                |
| <b>Course requirements:</b><br>The doctoral student obtains the rating completed with a credit value after submitting separate (source cover, circulation letters with ISBN or ISSN, source content, paper) published texts to the supervisor.                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                |
| <b>Learning outcomes:</b><br>a doctoral student under the guidance of a supervisor demonstrates the ability to work scientifically, i. e. a scientific text that meets the criteria of professionalism, scientific and methodological relevance.                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                |
| <b>Class syllabus:</b><br>1. The doctoral student, after consultation with the supervisor, shall develop scientific texts that meet the criteria of professionalism, scientific and methodological relevance.<br>2. The doctoral student will individually ensure the publication of the given texts in non current contents and non-indexed international or domestic journal or conference proceeding.<br>3. The doctoral student respects the ethics of publishing, each scientific text is original and the doctoral student publishes it only once, while the translation of the content of the original text is not considered as another original scientific text. |                                                                                                                                                                |
| <b>Recommended literature:</b><br>Current sources on published issues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                |
| <b>Languages necessary to complete the course:</b><br>English language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                |
| <b>Notes:</b><br>Teacher: supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>Past grade distribution</b>                                                                                                                                           |       |
| Total number of evaluated students: 0                                                                                                                                    |       |
| ABS                                                                                                                                                                      | NEABS |
| 0,0                                                                                                                                                                      | 0,0   |
| <b>Lecturers:</b>                                                                                                                                                        |       |
| <b>Last change:</b> 18.04.2022                                                                                                                                           |       |
| <b>Approved by:</b> prof. PharmDr. Adriana Duriš Adameová, DrSc., prof. PharmDr. Ján Klimas, PhD., MPH, prof. RNDr. Peter Mikuš, PhD., prof. PharmDr. Pavel Mučaji, PhD. |       |