

Recommended study plan of the doctoral study programme **MEDICAL, CLINICAL AND PHARMACEUTICAL BIOCHEMISTRY**

1. The educational part of the doctoral study

Credit granting in the study and pedagogical-education activity

1. Completion of the compulsory elective subject (minimum 12 hours of in-person teaching and 12 hours of self-study, completed with a test or oral exam) 10
Note: The doctoral students have to complete 4 compulsory elective subjects, the Introduction to scientific research 1 up to 3 and New Trends in Medical Biology and Clinical Genetics. The student is recommended to complete one of the issued compulsory subjects each semester during the first two years of study
2. Completion of the English language and the exam in the English language 10
Note: The English language exam must the doctoral student complete before submitting the application form for the dissertation examination.
3. Completion of the compulsory subject Dissertation thesis 1 and 2. 10
Note: the supervisor is responsible for the stated subject, while for the subject Dissertation thesis I, the student gets credits in the first year of the study and for Dissertation thesis II. in the second year.
4. Completion of the compulsory elective subject (minimum 12 hours of in-person teaching and 12 hours of self-study, completed with a test or oral exam) 10
Note: The doctoral student in the period of the dissertation exam will choose two various compulsory elective subjects from the offer of a minimum 6 various subjects. If he/she is interested in voluntary completion of more than two subjects, he/she will not get credits for them.
5. Pedagogical activity – in-person tuition or other professional activity related to pedagogical activity in the scope of 4 hours weekly within the academic year, in which the tuition is organised. 10
Note: it is related just to doctoral students in the full-time form of the study
6. Therapeutical-preventive activity 10
Note: it is related just to doctoral students in the full-time form of the study
7. Completion of Dissertation examination (dissertation examination concludes and documents completion of the study part) 20

The assignment of the credit points for pedagogical activity, and therapeutic-preventive activity applies to doctoral students in the external form of the study who have these activities in the job content.

2. Scientific-creative part of the doctoral study

| Credit granting for activities in the field of science | CREDITS |
|---|----------------|
| 1. Active participation in the domestic scientific event on the topic of the dissertation thesis, documented with the abstract in a journal or conference proceedings | |
| as the 1st author | 10 |
| as a co-author | 5 |
| 2. Active participation in the domestic scientific event on the topic of the dissertation thesis, documented with the abstract in a journal or conference proceedings | |
| as the 1st author | 20 |
| as a co-author | 10 |
| 3. Active participation at the domestic scientific event | |
| as the 1st author | 5 |
| as a co-author | 1 |
| 4. Active participation at the international scientific event | |
| as the 1st author | 10 |
| as a co-author | 3 |
| 5. The scientific work on the topic of the dissertation work in the indexed journal available in the databases PubMed, SCOPUS, or WEB of SCIENCE | |
| as the 1st author | 40 |
| as a co-author | 20 |
| 6. The scientific work in an indexed journal available in the databases PubMed, SCOPUS, or WEB of SCIENCE | |
| as the 1st author | 30 |
| as a co-author | 10 |
| 7. The scientific work in the current journal (i.e., indexed in the database: Current Content) or in the journal with the Impact Factor | |
| as the 1st author | 40 |
| as a co-author | 20 |
| with IF more than 0,5 | |
| as the 1st author | 50 |
| as a co-author | 25 |
| with IF more than 1.0 | |
| as the 1st author | 60 |

| | | | |
|-----|--|-------------------|--------|
| | | as a co-author | 30 |
| 8. | with IF more than 2.0 | as the 1st author | 70 |
| | | as a co-author | 35 |
| 9. | The scientific work on the topic of the dissertation work in the domestic reviewed journal | | |
| | | as the 1st author | 20 |
| | | as a co-author | 10 |
| 10. | The scientific work in the domestic reviewed journal | | |
| | | as the 1st author | 15 |
| | | as a co-author | 5 |
| | The chapter in the textbook or monograph – for each author's sheet | | |
| | | as the 1st author | 15 |
| | | as a co-author | 5 |
| 11. | Submission of the Grant of Comenius University | | 5 |
| | Obtaining the Grant of Comenius University | | 15 |
| | <i>Note: it is related just to doctoral students in the full-time form of the study</i> | | |
| 12. | Co-investigator of a scientific project (e.g., VEGA, APPV and so on) | | 5 ± 15 |
| | <i>Note: the supervisor sets the number of credits</i> | | |
| 13. | For each citation in the international or domestic publications, registered in the citation indexes (category 01 and 02 according to the statistics of citation response) | | 5 |
| 14. | International stay as part of the study programme | | 5 |
| 15. | Active participation in the Scientific Conference of the doctoral students at the Faculty of Medicine CU in Bratislava | | 10 |
| 16. | Other activities (e.g., a member of the conference organising committee, performance of scientific-research activity over the frame of the dissertation thesis, and so on) | | 2-8 |
| | <i>Note: the supervisor sets the number of credits</i> | | |
| 17. | The lecture at the workplace seminar | | |
| | <i>Note: the doctoral student can gain a maximum of 10 credits for lectures within the whole study</i> | | 2 |
| 18. | Dissertation thesis accepted for defence | | 30 |

It is recommended for the advancement to the following year that the doctoral student in the full-time study must gain 60 credits and the doctoral student in the external form 48 credits.

Dissertation Examination

The doctoral student must submit the application form and written work for the dissertation examination until 24 months, in the external form until 30 months since the doctoral study's enrolment. The doctoral student who wants to undergo the dissertation examination must complete the whole study part of the doctoral study (i.e., to pass all compulsory subjects, two obligatory elective subjects of his/her own choice, passed the examination in the English language)

Conditions for regular completion of the doctoral study.

1. The completion of at least 2 compulsory elective subjects and at least 2 educational courses in the study programme.
2. Completed dissertation examination.
3. A doctoral student in the full-time and external form must be an author of a minimum of 3 scientific works 'in extenso'. A minimum of one work must be related to the dissertation work thesis in the indexed journal as the first author. The scientific work in the indexed journal means that it is available in the databases WEB of SCIENCE, PUBMED or SCOPUS. The doctoral student must have a minimum of one work in the journal with the impact factor (minimum IF=0.5) as the first author or co-author.
4. Just those outcomes are taken into consideration that has been already published. It means not those which were just sent for publishing or accepted for publishing. In reasonable cases, it is possible to recognise one missing publication based on the acceptance list. It is also possible to recognise the publication which is already available on PubMed as 'ahead of print.'
5. Gaining of minimum 240 credits (i.e., minimum 210 credits + 30 credits for dissertation work accepted for defence).
6. Successful Defence of the Dissertation Thesis