

## Course descriptions

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## STATE EXAM DESCRIPTION

|   |  |
|---|--|
| <b>University:</b> Comenius University in Bratislava            |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics |  |
| <b>Course ID:</b><br>FMFL.KDMFI/2-<br>pUMA-912/19               | <b>Course title:</b><br>Didactics of Mathematics |
| <b>Number of credits:</b> 0                                     |  |
| <b>Educational level:</b> N                                     |  |
| <b>State exam syllabus:</b>                                     |  |
| <b>Last change:</b> 04.12.2019                                  |  |
| <b>Approved by:</b>   |  |

## COURSE DESCRIPTION

|  |  |
|--|--|
| <b>University:</b> Comenius University in Bratislava   |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics  |  |
| <b>Course ID:</b><br>FMFL.KDMFI+KAG/2-<br>pUMAx-102/19   | <b>Course title:</b><br>Didactics of Mathematics (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / independent work<br><b>Number of hours:</b><br><b>per week: per level/semester:</b> 16s / 8s<br><b>Form of the course:</b> combined |  |
| <b>Number of credits:</b> 0  |  |
| <b>Recommended semester:</b> 3.  |  |
| <b>Educational level:</b> N  |  |
| <b>Prerequisites:</b>  |  |
| <b>Course requirements:</b>  |  |
| <b>Learning outcomes:</b>  |  |
| <b>Class syllabus:</b>   |  |
| <b>Recommended literature:</b>   |  |
| <b>Languages necessary to complete the course:</b>   |  |
| <b>Notes:</b>  |  |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19   |  |
| ABS  | NEABS  |
| 100,0  | 0,0  |
| <b>Lecturers:</b> doc. RNDr. Štefan Solčan, CSc., Mgr. Michaela Vargová, PhD.  |  |
| <b>Last change:</b>  |  |
| <b>Approved by:</b>  |  |

## COURSE DESCRIPTION

|  |  |
|--|--|
| <b>University:</b> Comenius University in Bratislava   |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics  |  |
| <b>Course ID:</b><br>FMFL.KDMFI+KAG/2-<br>pUMAx-201/19   | <b>Course title:</b><br>Didactics of Mathematics (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / independent work<br><b>Number of hours:</b><br><b>per week: per level/semester:</b> 16s / 8s<br><b>Form of the course:</b> combined |  |
| <b>Number of credits:</b> 0  |  |
| <b>Recommended semester:</b> 4.  |  |
| <b>Educational level:</b> N  |  |
| <b>Prerequisites:</b>  |  |
| <b>Course requirements:</b>  |  |
| <b>Learning outcomes:</b>  |  |
| <b>Class syllabus:</b>   |  |
| <b>Recommended literature:</b>   |  |
| <b>Languages necessary to complete the course:</b>   |  |
| <b>Notes:</b>  |  |
| <b>Past grade distribution</b><br>Total number of evaluated students: 18   |  |
| ABS  | NEABS  |
| 100,0  | 0,0  |
| <b>Lecturers:</b> Mgr. Michaela Vargová, PhD., prof. RNDr. Pavol Zlatoš, PhD.  |  |
| <b>Last change:</b>  |  |
| <b>Approved by:</b>  |  |

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|  |  |
|--|--|
| <b>University:</b> Comenius University in Bratislava   |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics  |  |
| <b>Course ID:</b><br>FMFL.KDMFI/2-<br>pUMAx-901/19   | <b>Course title:</b><br>Diploma Thesis Project |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 8s<br><b>Form of the course:</b> combined |  |
| <b>Number of credits:</b> 0  |  |
| <b>Recommended semester:</b> 4.  |  |
| <b>Educational level:</b> N  |  |
| <b>Prerequisites:</b>  |  |
| <b>Course requirements:</b>  |  |
| <b>Learning outcomes:</b>  |  |
| <b>Class syllabus:</b>   |  |
| <b>Recommended literature:</b>   |  |
| <b>Languages necessary to complete the course:</b>   |  |
| <b>Notes:</b>  |  |
| <b>Past grade distribution</b><br>Total number of evaluated students: 16   |  |
| ABS  | NEABS  |
| 100,0  | 0,0  |
| <b>Lecturers:</b>  |  |
| <b>Last change:</b>  |  |
| <b>Approved by:</b>  |  |

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|   |  |
|---|--|
| <b>University:</b> Comenius University in Bratislava  |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics   |  |
| <b>Course ID:</b><br>FMFL.KDMFI/2-<br>pUMAx-101/19  | <b>Course title:</b><br>Introduction to Didactics of Mathematics |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / independent work<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 16s / 8s<br><b>Form of the course:</b> combined |  |
| <b>Number of credits:</b> 0   |  |
| <b>Recommended semester:</b> 3.   |  |
| <b>Educational level:</b> N   |  |
| <b>Prerequisites:</b>   |  |
| <b>Course requirements:</b>   |  |
| <b>Learning outcomes:</b>   |  |
| <b>Class syllabus:</b>  |  |
| <b>Recommended literature:</b>  |  |
| <b>Languages necessary to complete the course:</b>  |  |
| <b>Notes:</b>   |  |
| <b>Past grade distribution</b><br>Total number of evaluated students: 21  |  |
| ABS   | NEABS  |
| 100,0   | 0,0  |
| <b>Lecturers:</b> doc. PaedDr. Mária Slavíčková, PhD.   |  |
| <b>Last change:</b> 17.11.2019  |  |
| <b>Approved by:</b>   |  |

## COURSE DESCRIPTION

|  |  |
|--|--|
| <b>University:</b> Comenius University in Bratislava   |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics  |  |
| <b>Course ID:</b><br>FMFL.KDMFI/2-<br>pUMAx-103/19   | <b>Course title:</b><br>New Pedagogical Approaches in Teaching Mathematics |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / independent work<br><b>Number of hours:</b><br><b>per week: per level/semester:</b> 16s / 8s<br><b>Form of the course:</b> combined |  |
| <b>Number of credits:</b> 0  |  |
| <b>Recommended semester:</b> 4.  |  |
| <b>Educational level:</b> N  |  |
| <b>Prerequisites:</b>  |  |
| <b>Course requirements:</b>  |  |
| <b>Learning outcomes:</b>  |  |
| <b>Class syllabus:</b>   |  |
| <b>Recommended literature:</b>   |  |
| <b>Languages necessary to complete the course:</b>   |  |
| <b>Notes:</b>  |  |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19   |  |
| ABS  | NEABS  |
| 100,0  | 0,0  |
| <b>Lecturers:</b> RNDr. Monika Dillingerová, PhD.  |  |
| <b>Last change:</b> 17.11.2019   |  |
| <b>Approved by:</b>  |  |

## COURSE DESCRIPTION

|   |   |
|---|---|
| <b>University:</b> Comenius University in Bratislava  |   |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics   |   |
| <b>Course ID:</b><br>FMFL.KMANM/2-<br>pUMAx-202/19  | <b>Course title:</b><br>Seminar in History of Mathematics (1) |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / independent work<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 16s / 8s<br><b>Form of the course:</b> combined |   |
| <b>Number of credits:</b> 0   |   |
| <b>Recommended semester:</b> 3.   |   |
| <b>Educational level:</b> N   |   |
| <b>Prerequisites:</b>   |   |
| <b>Course requirements:</b>   |   |
| <b>Learning outcomes:</b>   |   |
| <b>Class syllabus:</b>  |   |
| <b>Recommended literature:</b>  |   |
| <b>Languages necessary to complete the course:</b>  |   |
| <b>Notes:</b>   |   |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19  |   |
| ABS   | NEABS   |
| 100,0   | 0,0   |
| <b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc.   |   |
| <b>Last change:</b> 04.12.2019  |   |
| <b>Approved by:</b>   |   |



## COURSE DESCRIPTION

|   |   |
|---|---|
| <b>University:</b> Comenius University in Bratislava  |   |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics   |   |
| <b>Course ID:</b><br>FMFL.KMANM/2-<br>pUMAx-203/19  | <b>Course title:</b><br>Seminar in History of Mathematics (2) |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture / independent work<br><b>Number of hours:</b><br><b>per week:</b> <b>per level/semester:</b> 16s / 8s<br><b>Form of the course:</b> combined |   |
| <b>Number of credits:</b> 0   |   |
| <b>Recommended semester:</b> 4.   |   |
| <b>Educational level:</b> N   |   |
| <b>Prerequisites:</b>   |   |
| <b>Course requirements:</b>   |   |
| <b>Learning outcomes:</b>   |   |
| <b>Class syllabus:</b>  |   |
| <b>Recommended literature:</b>  |   |
| <b>Languages necessary to complete the course:</b>  |   |
| <b>Notes:</b>   |   |
| <b>Past grade distribution</b><br>Total number of evaluated students: 19  |   |
| ABS   | NEABS   |
| 100,0   | 0,0   |
| <b>Lecturers:</b> doc. RNDr. Zbyněk Kubáček, CSc.   |   |
| <b>Last change:</b> 04.12.2019  |   |
| <b>Approved by:</b>   |   |

## COURSE DESCRIPTION

|  |      |     |     |   |     |     |       |
|--|------|-----|-----|---|-----|-----|-------|
| <b>University:</b> Comenius University in Bratislava   |      |     |     |   |     |     |       |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics  |      |     |     |   |     |     |       |
| <b>Course ID:</b><br>FMFL.KDMFI/2-<br>pUMAx-211/19   |      |     |     | <b>Course title:</b><br>Teaching Practice |     |     |       |
| <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> 20s<br><b>Form of the course:</b> on-site learning, combined |      |     |     |   |     |     |       |
| <b>Number of credits:</b> 0  |      |     |     |   |     |     |       |
| <b>Recommended semester:</b> 3.  |      |     |     |   |     |     |       |
| <b>Educational level:</b> N  |      |     |     |   |     |     |       |
| <b>Prerequisites:</b>  |      |     |     |   |     |     |       |
| <b>Course requirements:</b>  |      |     |     |   |     |     |       |
| <b>Learning outcomes:</b>  |      |     |     |   |     |     |       |
| <b>Class syllabus:</b>   |      |     |     |   |     |     |       |
| <b>Recommended literature:</b>   |      |     |     |   |     |     |       |
| <b>Languages necessary to complete the course:</b>   |      |     |     |   |     |     |       |
| <b>Notes:</b>  |      |     |     |   |     |     |       |
| <b>Past grade distribution</b><br>Total number of evaluated students: 20   |      |     |     |   |     |     |       |
| A  | ABS  | B   | C   | D   | E   | FX  | NEABS |
| 20,0   | 80,0 | 0,0 | 0,0 | 0,0                                       | 0,0 | 0,0 | 0,0   |
| <b>Lecturers:</b> Mgr. Michaela Vargová, PhD.  |      |     |     |   |     |     |       |
| <b>Last change:</b>  |      |     |     |   |     |     |       |
| <b>Approved by:</b>  |      |     |     |   |     |     |       |

## STATE EXAM DESCRIPTION

|   |  |
|---|--|
| <b>University:</b> Comenius University in Bratislava            |  |
| <b>Faculty:</b> Faculty of Mathematics, Physics and Informatics |  |
| <b>Course ID:</b><br>FMFL.KDMFI/2-<br>pUMA-911/19               | <b>Course title:</b><br>Thesis Defence |
| <b>Number of credits:</b> 0                                     |  |
| <b>Educational level:</b> N                                     |  |
| <b>State exam syllabus:</b>                                     |  |
| <b>Last change:</b>   |  |
| <b>Approved by:</b>   |  |