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| Course title |

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| **Mathematical Software** |

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| Semester | Spring semester |
| Faculty / Department | Faculty of Computer Science  |
| Professor |

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| Professor Goran Slavković, PhD  |

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| ECTS credits | 7 |
| Language of instruction | English |
| Level of study | Bachelor |
| Content | Chapters are organized thematically and provide an introduction to engineering problem solving, Matlab environment almost MATLAB functions, Drawing, Programming in Matlab, calculating with matrices, symbolic mathematics, numerical techniques, Advanced commands and functions. |
| Learning outcomes | At the end of the course, it is expected that a successful student adopts the basics of Matlab, as well as software tools and methods of operation of this program. |
| Length | One semester. |
| General information | The aim of the course is to introduce students to the key terms related to Matlab and various mathematical problems that are successfully solved with the help of Matlab -a. Students become familiar with other mathematical software: Mathcad, Mathematica, Derive, Maple, R, SPSS. |
| Restrictions to mobile students and availability before the signature of the learning agreement | There is no any restrictions. |