

Life Science Technologies

Master's Programme in Life Science Technologies is jointly organized by the [School of Science](#), the [School of Chemical Engineering](#), and the [School of Electrical Engineering](#). The programme is coordinated by the School of Science.

This site contains the student study guide for the master's programme with materials and instructions on all the majors available in the programme. Here you will find the programme curriculum as well as detailed guidelines for planning your studies.

Technological innovations have become an essential part of modern healthcare, well-being and bioeconomy. Therefore, both in academic research and industry there is an increasing need for people who can deal with today's increasingly complex biomedical problems.

Master's Programme in Life Science Technologies offers a multidisciplinary curriculum focusing on important aspects of current biomedical research, covering fields such as biological data analysis and modeling, advanced biomaterials and bioelectronics, biomedical engineering and neuroscience. The program draws on fundamental and applied knowledge on these fields and is closely linked to research conducted in the participating Schools and Departments.

The programme offers majors for specializing in Bioinformatics and Digital Health, Biomedical Engineering, Biosensing and Bioelectronics, Biosystems and Biomaterials Engineering, Complex Systems, and Human Neuroscience and Technology, with possibility to combine different fields with minor and elective studies.

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30E00150 Applied Optimization: Fundamentals and Methodologies 18.5-18.6.2020

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