



Medical  
University of Graz



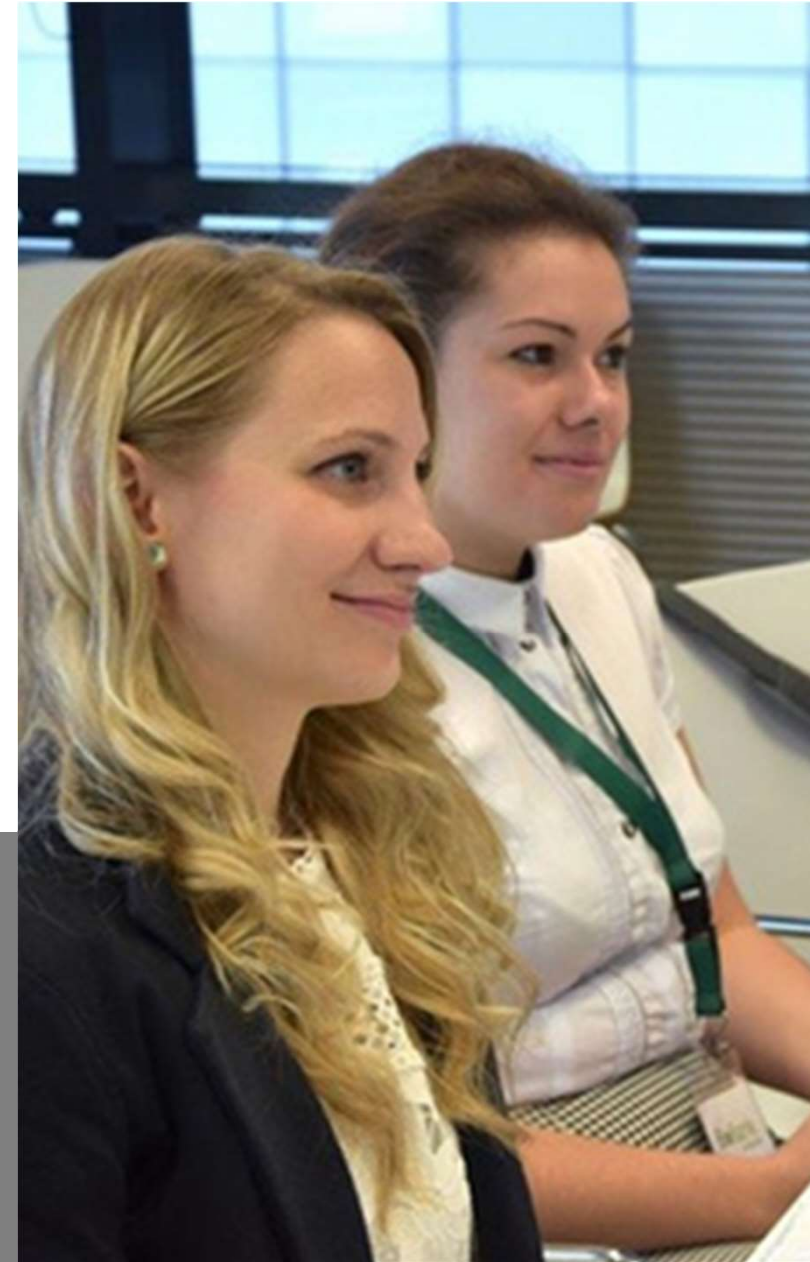
# Master of Science (Continuing Education) Biobanking

Postgraduate School

## MSc (CE) Biobanking

The number of projects using biobank samples for research is constantly growing. At the same time, requirements on quality of biobanking samples are increasing because of the rising spectrum of potential methods for different analyses and applications. The further development of biobanks depends on a deeper understanding of biobanking processes, to keep quality of biobank resources up-to-date with research. Hence, there is an essential and demanding requirement for training of experts in the field of biobanking, e.g. of well-structured postgraduate training programs.

The distance learning Master course „MSc (CE) in Biobanking” is organized to be completed within **five semesters (120 ECTS Credits)** and the curriculum is comprised of **16 modules**. It is open for graduates with a bachelor's degree (180 ECTS), such as medical-technical personnel or students from natural sciences (e.g. biology, molecular biology, biotechnology, etc.). Graduates may also have a completed degree programme in medicine or pharmacy, who have interest in the field of biobanking or wish to specialize or broaden their professional knowledge in biobanking. Furthermore a relevant professional experience of at least 2 years is required.



### The Master of Science (CE) Biobanking

- is a part-time postgraduate programme offered as a distance learning course
- is designed to be completed alongside full-time work
- is completed within the five semesters of the study
- comprises 16 modules
- includes the need to write a Master's thesis
- is fully Bologna-compliant

For more information see: [www.medunigraz.at/biobanking](http://www.medunigraz.at/biobanking)

	<b>Module</b>	<b>Face-to-face</b>	<b>E-Learning</b>	<b>Self-Study</b>	<b>ECTS</b>
01	Introduction and Basic Knowledge in Biobanking	40	100	50	6
02	Ethics and Law	0	120	60	6
03	Collection and Management of Samples	40	100	50	6
04	Risk Management and Biobanking	0	120	60	6
05	Biobanking IT	0	120	60	6
06	Sustainability, Budgeting and Business Planning	0	120	60	6
07	Epidemiology	0	120	60	6
08	Quality Management and Quality Control	0	120	60	6
09	Management and Communication	34	100	50	6
10	Strategy and Development, Networks	0	120	60	6
11	Research Methods I	26	110	50	6
12	Research Methods II	24	110	50	6
13	Designing and Implementation of Clinical Studies	16	125	90	8
14	International Biobanking	0	135	95	8
15	Managing Multidisciplinary Teams	40	95	95	8
16	Master Thesis & Defensio				24





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