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Medical Bioengineering Education in Iasi, Romania

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Besides medical and pharmacy specialists, the engineering branch has a main role in modern health care, characterized by high medical technology, powerful software programs for data analysis, and top management tools to increase efficiency of the health care system. Among many engineering specialties, bioengineers and biomedical engineers, even if somehow different, have a main common feature: the strong inter-, multi- and transdisciplinarity of their work. The paper analyses some characteristics of the specific education process in both fields, shows their sub-domains of activity, presents opportunities related to designing a career, presents specific aspects of 21 years of medical bioengineering education in Iasi city, Romania, and concludes that medical bioengineering and biomedical engineering belong to the top jobs, with a constant growths in demand.