Phelma Biomedical engineers have career options in a wide variety of sectors of the healthcare and medical device industry as well as in biomedical research. The "Medical Imaging and Nanomedicine" and "Nanobiology and Medical Devices" speciality focuses on design and innovation in different imaging techniques and radiotherapy, including the development of image processing and analysis. The "Nanobiology and Medical Devices" speciality trains engineers to create new biomaterials for tissue engineering, innovative molecular markers for biology and diagnosis and miniaturized devices in contact with the living matter. Career opportunities can be found in research & development, production, quality control, maintenance, sales and marketing. Typically 30 % of Phelma Biomedical Engineers do a PhD.
Biomedical engineering at Phelma is strongly associated with the Grenoble INP research labs LMGP, GIPSA Lab and G2ELab within Grenoble’s very dense and active industrial and research network in biomedicine. Emerging start-up companies (CYTOO, PX’Therapeutics, Fluoptics etc), multinationals (BioMérieux, Becton Dickinson etc) and public university and research centres (CEA, Grenoble Institute of Neurosciences, Institute of Structural Biology, etc) as well as major European research institutes (ESRF, ILL, EMBL) are located in Grenoble. A unique biomedical-technology platform, Clinatec, has been created where novel technical solutions for neuroprosthesis and neurostimulation can directly be tested on patients. Outstanding internship and career opportunities are available within this local network.

**ASSETS**

Biomedical engineering at Phelma thrives at training students by providing a maximum of experimental and project work in close contact with local researchers. Clean room and molecular and cell biology platforms (CIME Nanotech) provide access to state-of-the-art technical equipment allowing students to train in research conditions. Collaborations with professionals from local industry, research and medical institutions are actively encouraged by invited lectures, seminars and on-site visits so as to facilitate direct contact with the students. Coming to Grenoble is an unique opportunity to start a career at the frontier of physics, chemistry and biology.

**CONTACT**

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