



3RD YEAR PROFESSIONAL OPTION

HEALTHCARE ENGINEERING

The Healthcare Engineering option is entirely in keeping with Centrale Nantes' focus on 'engineering for health' and 'industry of the future', preparing students for engineering professions in the healthcare sector.



OBJECTIVES

- > Understand health challenges for patients, the general public and the health sector,
- > become familiar with the underlying health principles in France, Europe and the world,
- > anticipate developments in the health sector through new technologies,
- > pursue a career in the public or private hospital sector,
- > manage urbanisation of current or future information systems,
- > to understand the industrial players in the health sector,
- > to take part in technical and organizational projects alongside committed stakeholders.

COURSE CONTENT

- > Health: the fundamentals of medicine, population health and its political and societal organization
- > Engineering in hospitals: digital, biomedical, research, logistics, works, quality
- > Engineering in healthcare companies: drugs, imaging, biomedical devices, information systems, construction, consulting, etc.
- > Health (hospital, private, public and industrial) projects.

HEAD OF OPTION
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