

**UE 3.3. Technological skills for conducting a research project in Biology and Health Science**

**3 ECTS**

**Teaching unit shared by the following tracks:**

- Cellular, Integrative and Translational Neurosciences
- Diabetes and cardiovascular diseases
- Fundamental and clinical oncology, towards precision medicine
- Immunity, Inflammation et Infection

**EC14 - Medical imaging**

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The objective of the teaching is to deepen the knowledge of students in Medical Imaging to understand the interests and limits of each modality (Ultrasound, Radiology, MRI and Nuclear Medicine), in particular for research in health sciences.

The aim of this course will be to answer possible questions from students, to give them keys to understand and criticize the articles including medical imaging and possibly to modify their imaging protocols according to technological and software progression in the different modalities.

It is intended for students with basic knowledge in medical imaging (through their curriculum, e.g. medical cursus) and/or through participation in EC13 - Imaging on small animals and the appropriation of the education college recommendations (CERF, CNFPA and CNEBMN): [https://wiki.side-sante.fr/doku.php?id=sides:ref-trans:imagerie\\_dfgsm:start](https://wiki.side-sante.fr/doku.php?id=sides:ref-trans:imagerie_dfgsm:start)